

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 20

Battalion 2

Bethesda Station

9041 Old Georgetown Road, Bethesda



Description

- Ownership: Volunteer
- Employees: 3 Shift Work
- Apparatus Housed: Engine
- Specialty Team: Hazmat
- First Due Area: 4.05 mi²
- Volunteers: totaled in with the sister company Fire Station 6

Overview

Bethesda, Station 20, is surrounded by important institutions, not only for their medical breakthroughs and clandestine facilities but for the employment opportunities given to the area. The businesses and institutions bring a large number of people into Station 20's first due area during rush hour but also the two federal hospitals and research facilities bring people from all over the world. Scattered around the different facilities are quiet residential communities that have been settled for the most part since WWII.

Because it is a hazmat house, two certified hazmat technicians must comprise at least two of the three-person staffing on the engine. The engine responds to hazmat incidents for additional staffing for the Hazmat Team, and Station 20 personnel certify annually by completing NFPA 472 competencies which is completed as a monthly drill. Station 20 also houses the scheduling office for the operations of Montgomery County Fire Rescue.

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

High Risk Areas – Including Hazards

Station 20 has METRO tracks through their first due area and it services two METRO stations: Grosvenor and Medical Center – just miles apart. The Grosvenor station serves a heavily-populated residential area and the Medical Center station services two large federal properties: NIH and the Walter Reed National Military Medical Center. METRO also services many other professionals, visitors, and students. In November 2010, the Grosvenor METRO had 5,546 pedestrians entering the METRO and 5,213 pedestrians exiting the METRO during the weekdays alone. For weekends during November 2010, 4,125 pedestrians entered the METRO at Grosvenor and 4,019 exited. In November 2010, the Medical Center METRO had 5,436 pedestrians entering the METRO and 5,375 pedestrians exiting during the weekdays alone. For weekends during November 2010, 1,810 pedestrians entered the METRO at Medical Center and 1,684 exited.

The National Institutes of Health (NIH) is an agency of the United States Department of Health and Human Services and is the primary agency of the government responsible for biomedical and health-related research. NIH has twenty-seven separate institutes, centers and offices formed as subsidiaries. NIH's research is divided into two parts: the Extramural Research Program (works with research outside NIH) and the Intramural Research Program or IRP (works with research inside NIH). The IRP is the largest biomedical research institute on Earth with over 1,200 principle investigators and over 4,000 postdoctoral fellows. The IRP is responsible for many scientific accomplishments: discovery of fluoride, the use of lithium to manage bi-polar disorder, the creation of vaccines against hepatitis, influenza and human papillomavirus. Knowing this, it is assumed there is a plethora of hazardous materials on campus; however, it is unknown just how many and to what extent. Since September 11, 2001, the campus is fenced in and heavily guarded. The campus also has its own federally operated fire department with which MCFRS has a mutual aid agreement. NIH Aerial Tower 751 responds frequently to off-campus structure fires in Montgomery County, and NIH Ambulance 751 responds occasionally off-campus as well to EMS incidents in the County.

Directly across from the entrance to NIH is the entrance to Walter Reed National Military

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

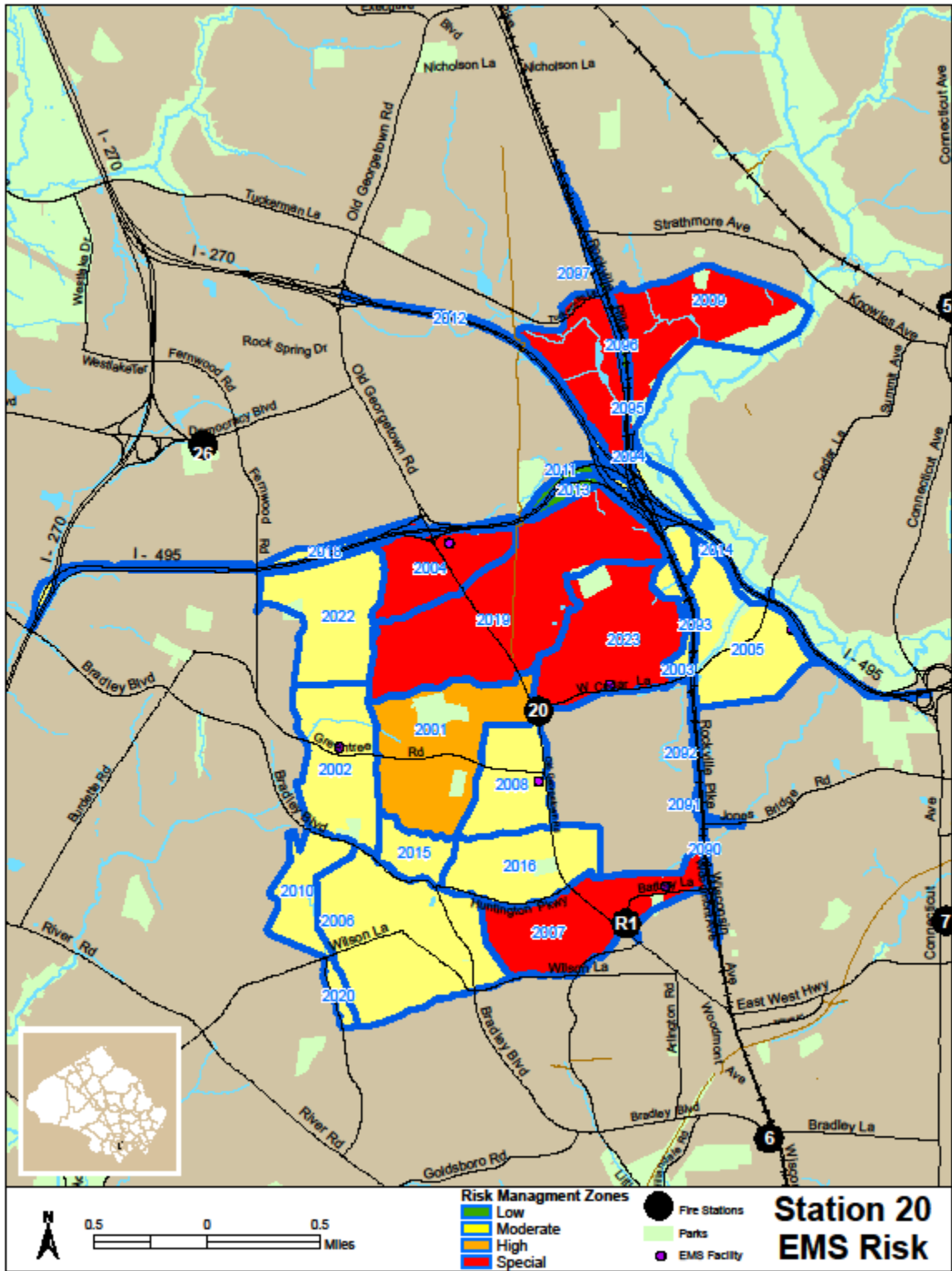
Medical Center (WRNMMC) – a tri-service medical center for Army, Navy and Air Force. WRNMMC is now the largest and most renowned military center, best known for its care to seriously injured soldiers and the President. WRNMMC – known then as the “National Naval Medical Center” -was first built in 1940, at the direction of President Roosevelt, and has since ensued many renovations; the latest in 2005 with the closure and integration of military facilities. The original facility was designed to hold 1,200 beds for wounded soldiers. Post World War II, temporary buildings were added to accommodate up to 2,464 wounded soldiers. Due to President Roosevelt’s paralysis, the hospital had offered to have an appointed White House doctor assist him with medical issues. Since then, other Presidents have received their medical services at WRNMMC. In 1975, Building 10, a seven-story, 500 bed inpatient facility, with a combined area of more than 880,000 square feet was started, completed and stands as the trademark of WRNMMC³⁶⁸. The campus is fenced in and guarded by military personnel.

Station 20 has only a small section of interstate highway in the first due consisting of I-495 and a segment of I-270. Station 20 covers 2.6 miles of the Inner Loop and 3 miles of the Outer Loop of I-495; and I-270 northbound from I-495 to Old Georgetown Road for 1.5 miles. During incidents in the opposing lanes, Station 20 will also run the “opposite assignment” for the same area. Other than National Institutes of Health and Walter Reed National Military Medical Center, there are no industrial, chemical or biological hazmat plants and/or warehouses in the first due area.

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

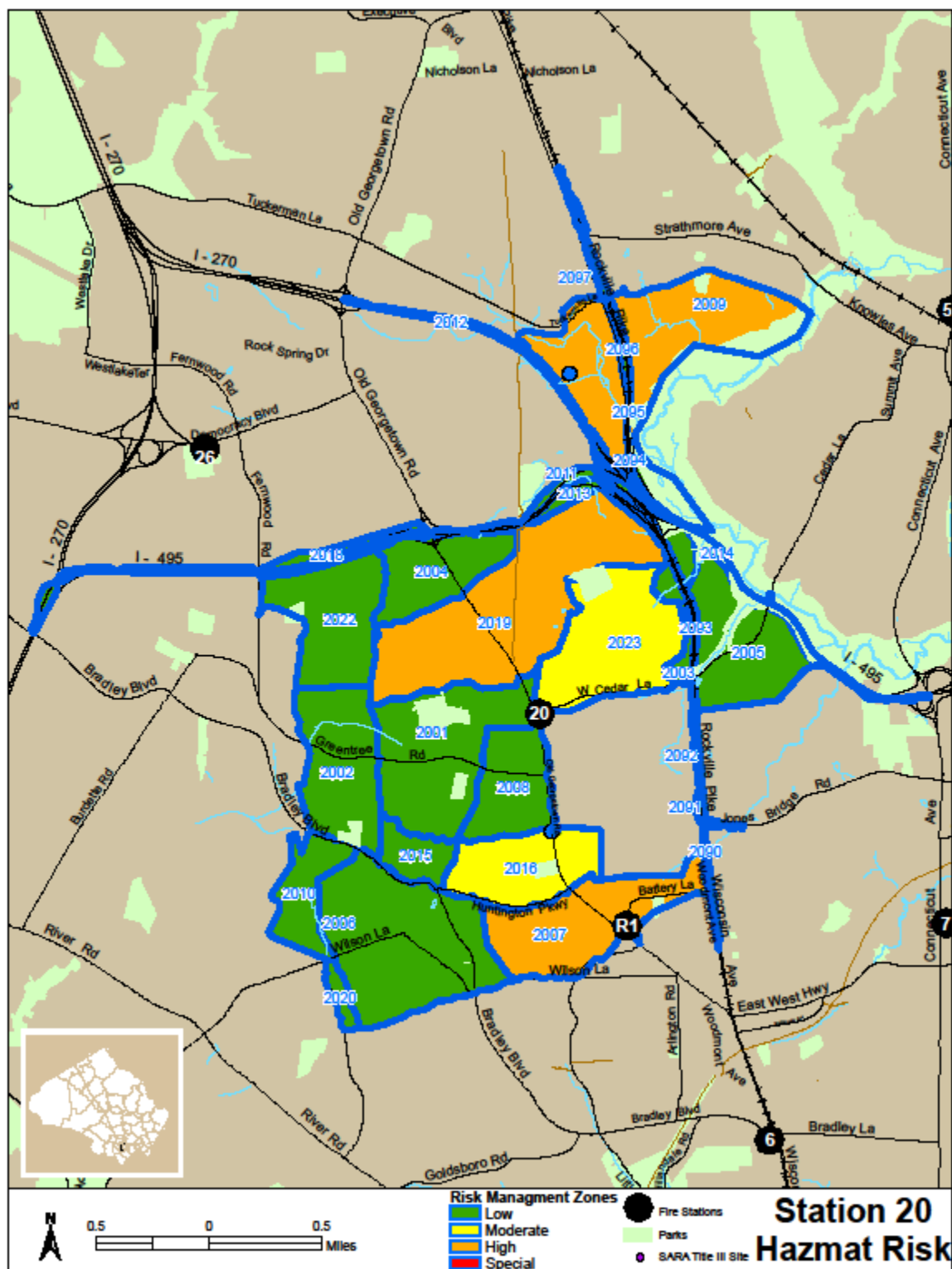
Station 20 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	343	329	297	170
ALS1	431	421	467	268
ALS2	56	50	58	13
BLS	980	1016	987	460
Explosive	6	13	9	1
Firefull	15	19	14	6
Hazmat	12	31	30	18
Tech Rescue	35	32	40	24
Water/Ice	N/A	N/A	N/A	N/A
Total Calls	2048	2092	2056	1031
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER





MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 21

Battalion 4

Kensington Station

12500 Veirs Mill Road, Rockville



Description

- Ownership: Volunteer
- Employees: 6 Shift Work
- Apparatus Housed: Engine (AFRA), Ambulance
- First Due Area: 4.05 mi²
- Volunteers: totaled in with the sister company Fire Station 5

Overview

This fire house was built in 1962 to service the needs of the “Veirs Mill Village” area. The station sits on the corner of Veirs Mill Road and Gaynor Road. The area has changed immensely since the station was first built. It has grown in size, not by buildings, but in the number of people and their diverse demographics. The traffic is significant during rush hours and there are a number of bike trails that lead to the Washington D.C. area along Rock Creek.

High Risk Areas – Including Hazards

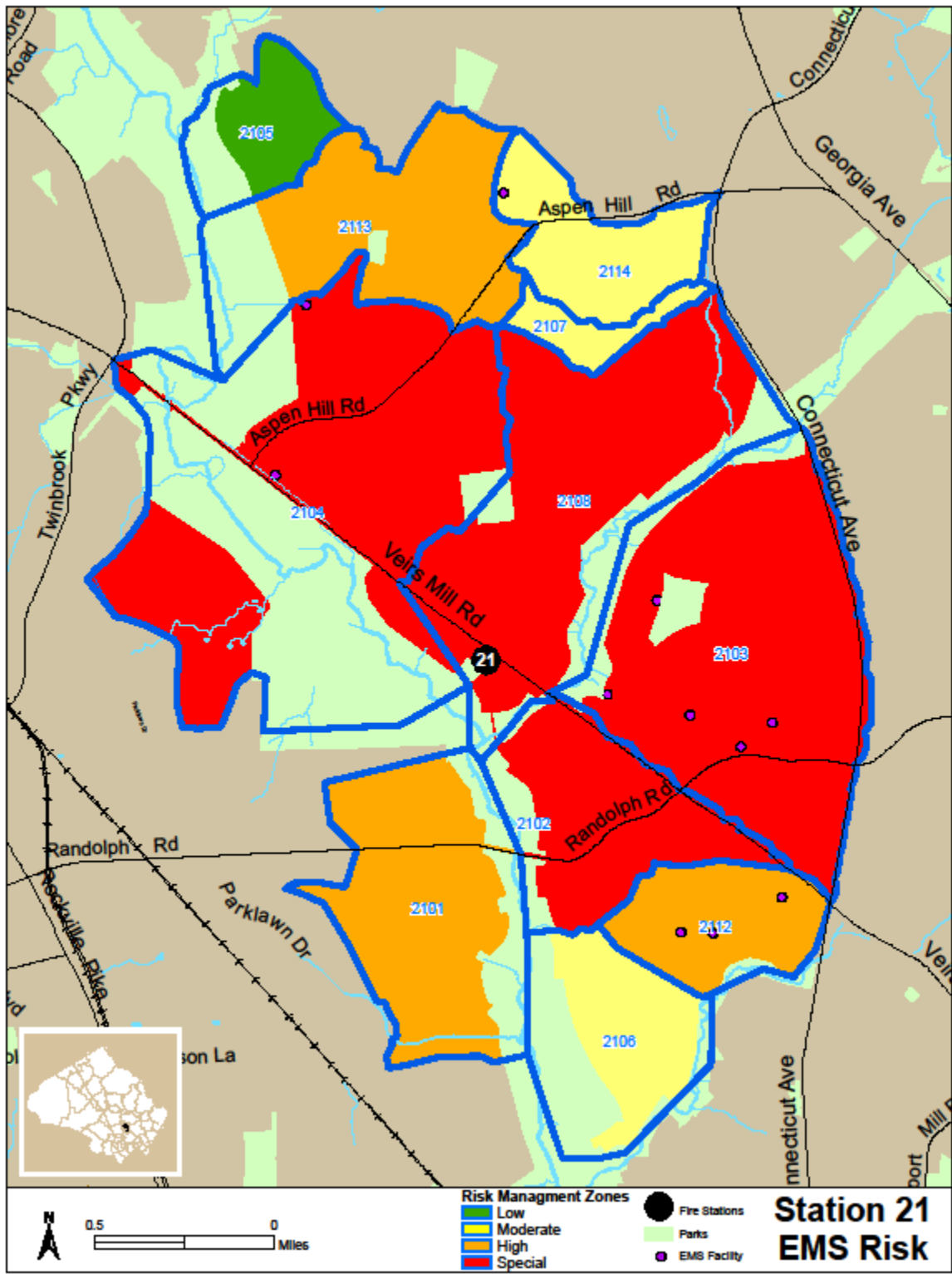
There are no METRO or CSX Rails in Station 21’s first due area; however, it is surrounded by the Wheaton, Glenmont, Twinbrook, Rockville and White Flint METRO stations. The CSX rails border the area near Ashley Drive.

MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

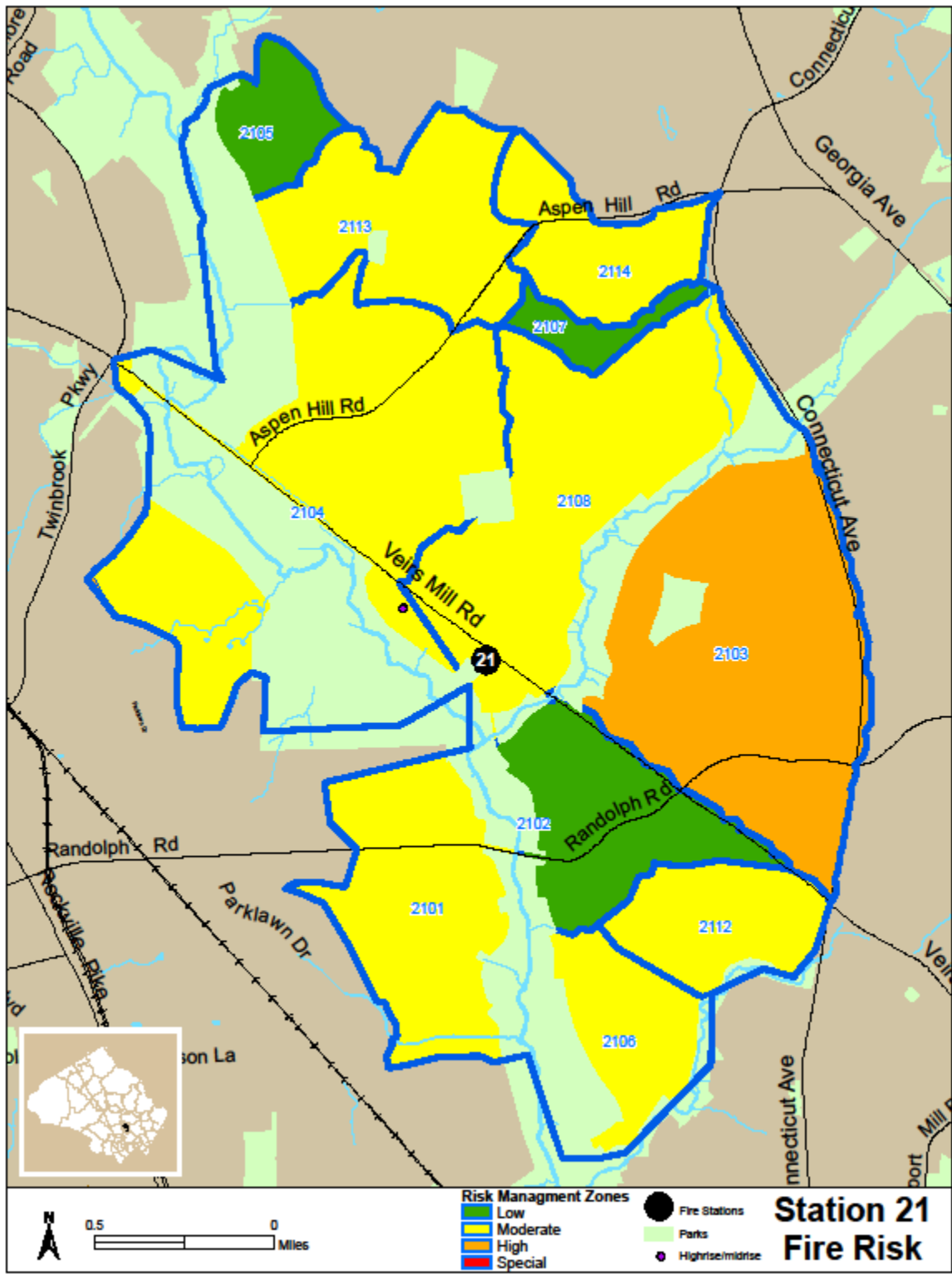
There is a Verizon building located at Connecticut and Veirs Mill Roads. The building houses electrical equipment and a large battery room. In addition, the building is approximately one-third sprinklered. There are two medical office complexes: one contains a townhouse-style office structure and the other is a four-story non-sprinklered office building. There is also a PEPCO building in Station 21's area that is windowless and full of electrical equipment. There is a large private club pool with chemical storage at Veirs Mill and Connecticut Avenue One store, Unique Bazaar has an extremely heavy fire load due to the nature of its business and its donation intake process. It is located in one of the strip-style malls along with other stores.

Station 21 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	255	328	230	109
ALS1	636	617	607	331
ALS2	102	93	98	37
BLS	1024	979	1006	502
Explosive	2	8	3	2
Firefull	13	11	18	14
Hazmat	13	25	19	16
Tech Rescue	6	24	33	8
Water/Ice	N/A	1	N/A	N/A
Total Calls	2157	2204	2132	1087
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

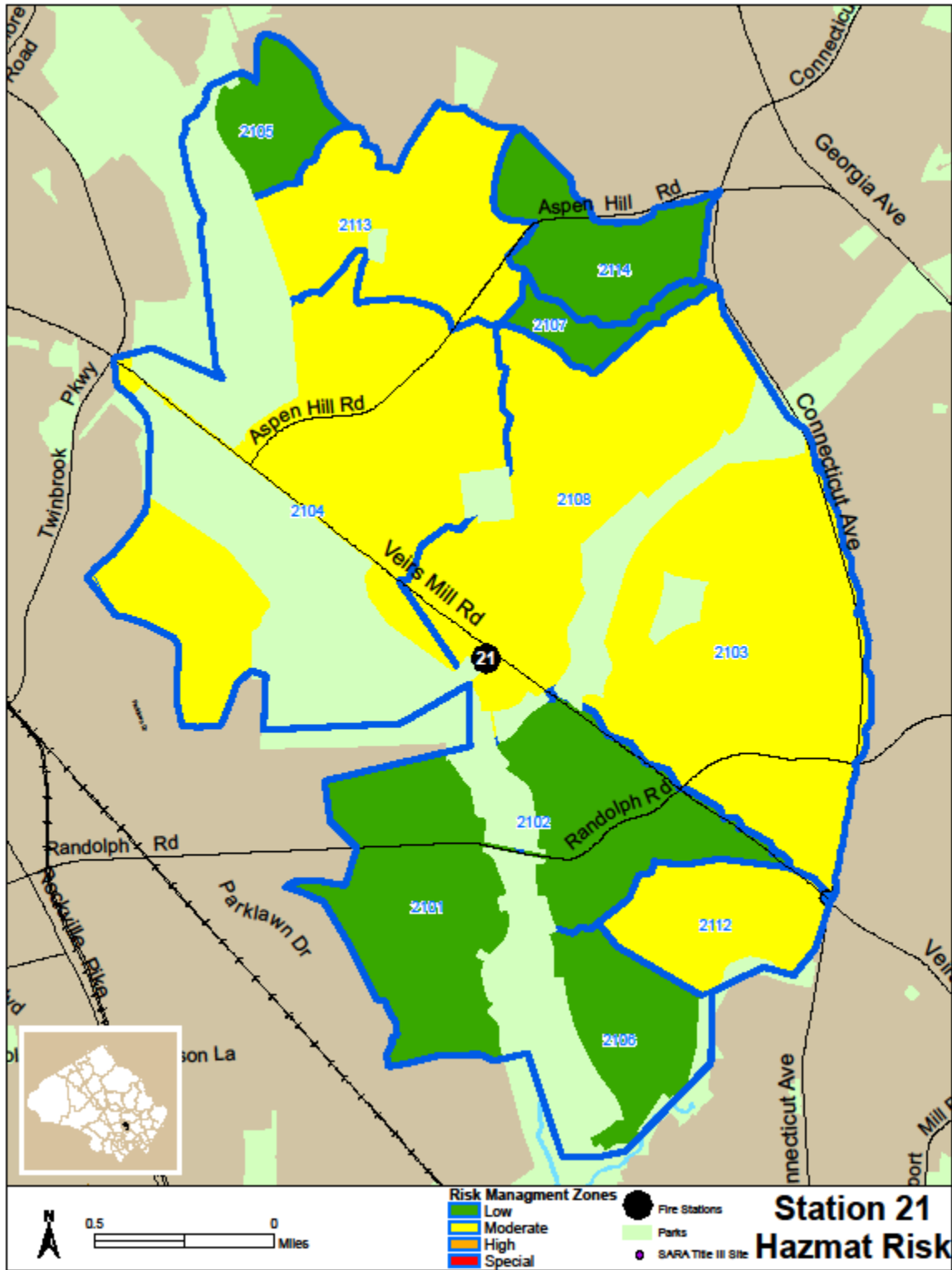
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 22

Battalion 5

Kingsview Station

18910 Germantown Road, Germantown



Description

- Ownership: County
- Employees: 8 Shift Work
- Apparatus Housed: Engine (AFRA), Ambulance Tanker, MAB 722, MCSU722, SU722
- First Due Area: 20.53 mi²

Overview

Station 22 is a new station that opened for service in February 2009. It was the first new/additional fire station in Montgomery County in twenty-five years. The station is 16,150 square feet, one level, includes six apparatus bays, separate administrative and living spaces and workout room. The station sits on a 3.9 acre lot. The fire department protects residences, businesses, schools and a large recreational facility.

High Risk Areas – Including Hazards

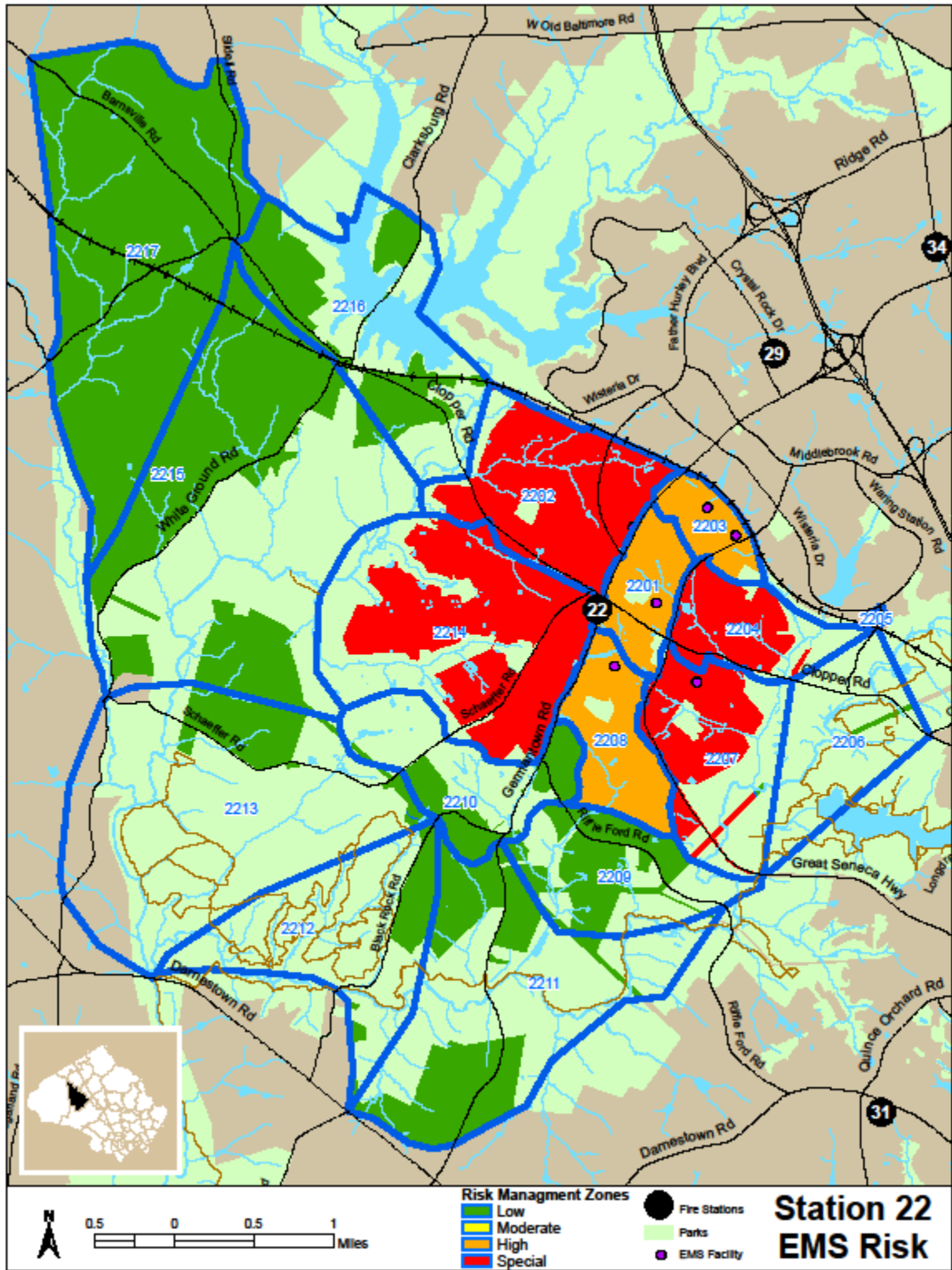
There is one hazardous materials dry-box storage facility for medical/pharmaceutical production located at 18830 Germantown Road. There is a County-owned waste water treatment plant for the greater Germantown area in Station 22's first due area. Personnel at Station 22 have been told to meet at the front gate and information will be passed to the OIC of the unit from plant operators. There is no standard operating procedure or special dispatch to the plant.

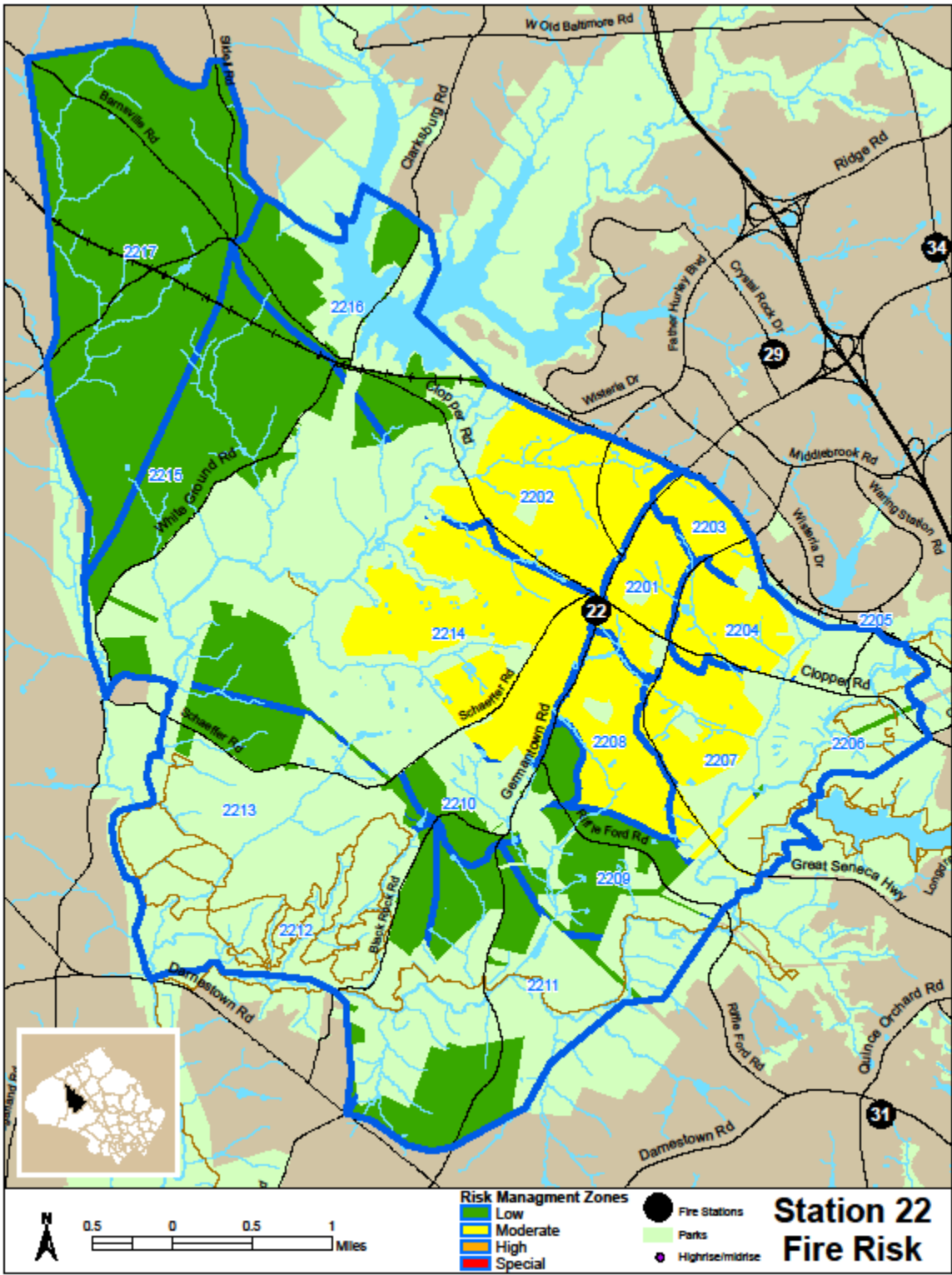
MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

A very small portion of the CSX train rail runs through Station 22's first due area upon which hazardous materials and other freight are transported. There is no interstate in Station 22's area; however, there are three heavily traveled highways – State Routes 117, 118 and 119.

Station 22 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	286	279	261	214
ALS1	519	452	469	495
ALS2	70	57	66	63
BLS	718	715	763	844
Explosive	4	3	5	4
Firefull	21	20	19	22
Hazmat	14	14	16	29
Tech Rescue	1	5	4	30
Water/Ice	N/A	1	2	1
Total Calls	1825	1696	1742	971
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER





MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 23

Battalion 3

Rockville Station

121 Rollins Avenue, Rockville



Description

- Ownership: Volunteer
- Employees: 11 Shift Work
- Apparatus Housed: Engine (AFRA), Tower, Ambulance, Medic Unit
- First Due Area: 6.58 mi²
- Volunteers: totaled in with the sister company Fire Station 3

Overview

Rockville Station 23 is a sister-station to Rockville Station 3. Station 23 is located on the southern boundary of the City of Rockville, in the vicinity of a six-lane RT355, strip malls, nursing homes and rehabilitation facilities, high-rise residences and offices as well as single family homes, townhomes and garden apartments. Station 23 was built in 1963 and its first due area is diverse in terms of culture, household income, occupancy type and building construction. It is the quintessential “city” firehouse with a high volume of calls during the day and on weekends.

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

High Risk Areas – Including Hazards

Station 23 has both the METRO tracks and the CSX railroad running through their first due area and it services two METRO stations: Twinbrook and White Flint – just miles apart. The CSX has a high-volume of commuter-passenger trains going to and from work as well as many cargo trains. There is a gated CSX railroad track on Randolph Road that runs through a high-flow traffic area in Rockville which sets traffic back for long periods at a time during rush-hour time. There have been numerous pedestrians and several train versus vehicle collisions at this particular point in the railroad system; mainly due to its openness, free-access, and high-volume of vehicle and pedestrian traffic.

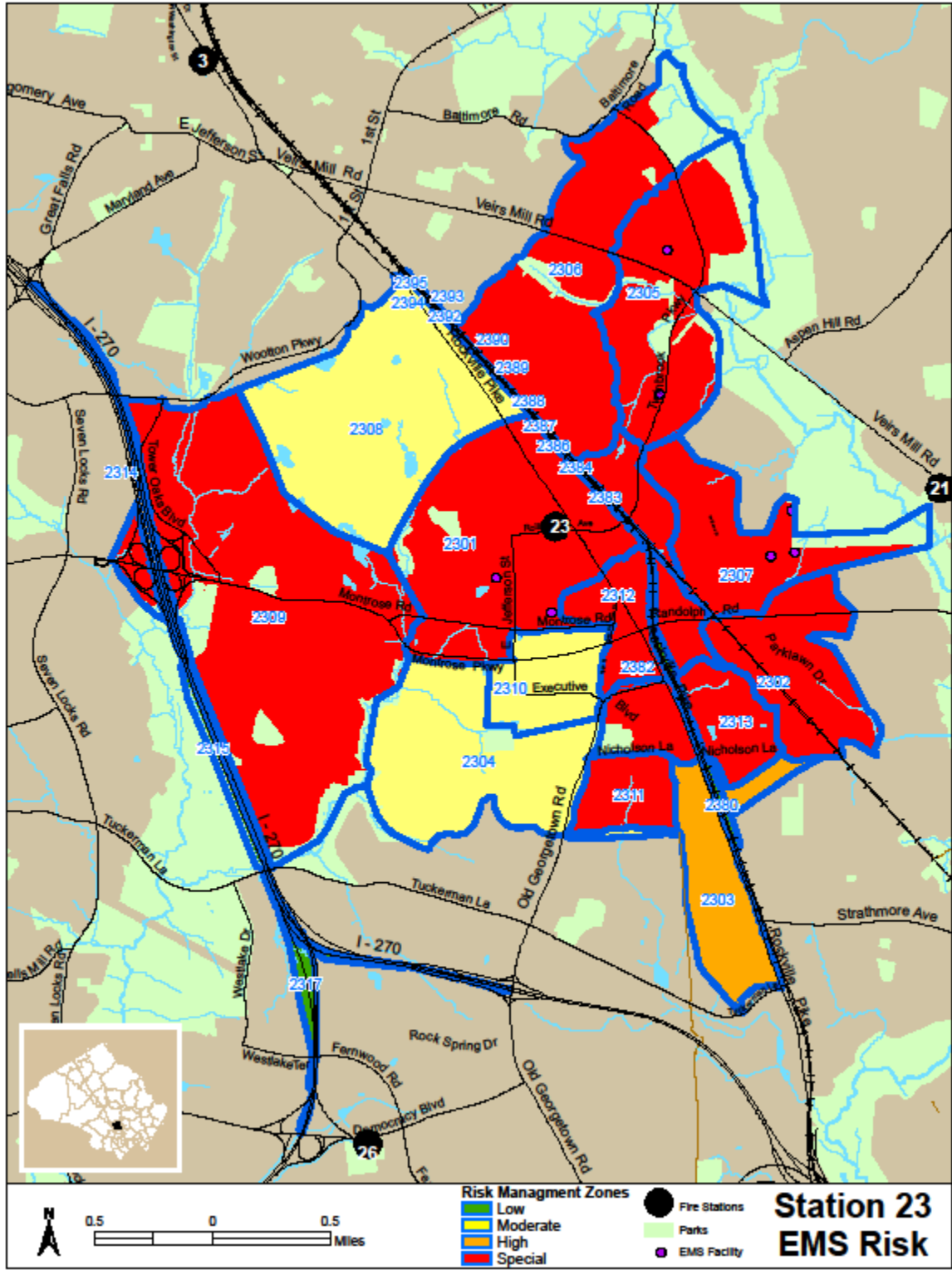
METRO services many professionals, visitors, and students. In November 2010, the Twinbrook METRO, located in Station 23's area, had 4,524 pedestrians entering the METRO and 4,436 pedestrians exiting the METRO during the weekdays alone. For weekends during November 2010, 3,176 pedestrians entered the METRO at Twinbrook and 3,051 exited. In November 2010, the White Flint METRO had 4,063 pedestrians entering the METRO and 3,982 pedestrians exiting during the weekdays alone. For weekends during November 2010, 2,683 pedestrians entered the METRO at White Flint and 2,561 exited.

Station 23 also has the Parklawn Building in its first due area. The greatest risk factor, a life safety risk, is the enormous occupant load of 12,000 plus people when full. Currently, it is under a five-year renovation and is being partially occupied. It is a sprinklered building and upon its completion will have an upgraded sprinkler system. Assisting in the safe evacuation of the number of occupants during a fire would be a difficult task requiring a lot of firefighters even though the employees have fire drills. The building sits right on the street, separated by only a sidewalk and surrounded by other businesses. There is nowhere for evacuees to go. The risk factor associated with the renovation would be secondary to this risk factor.

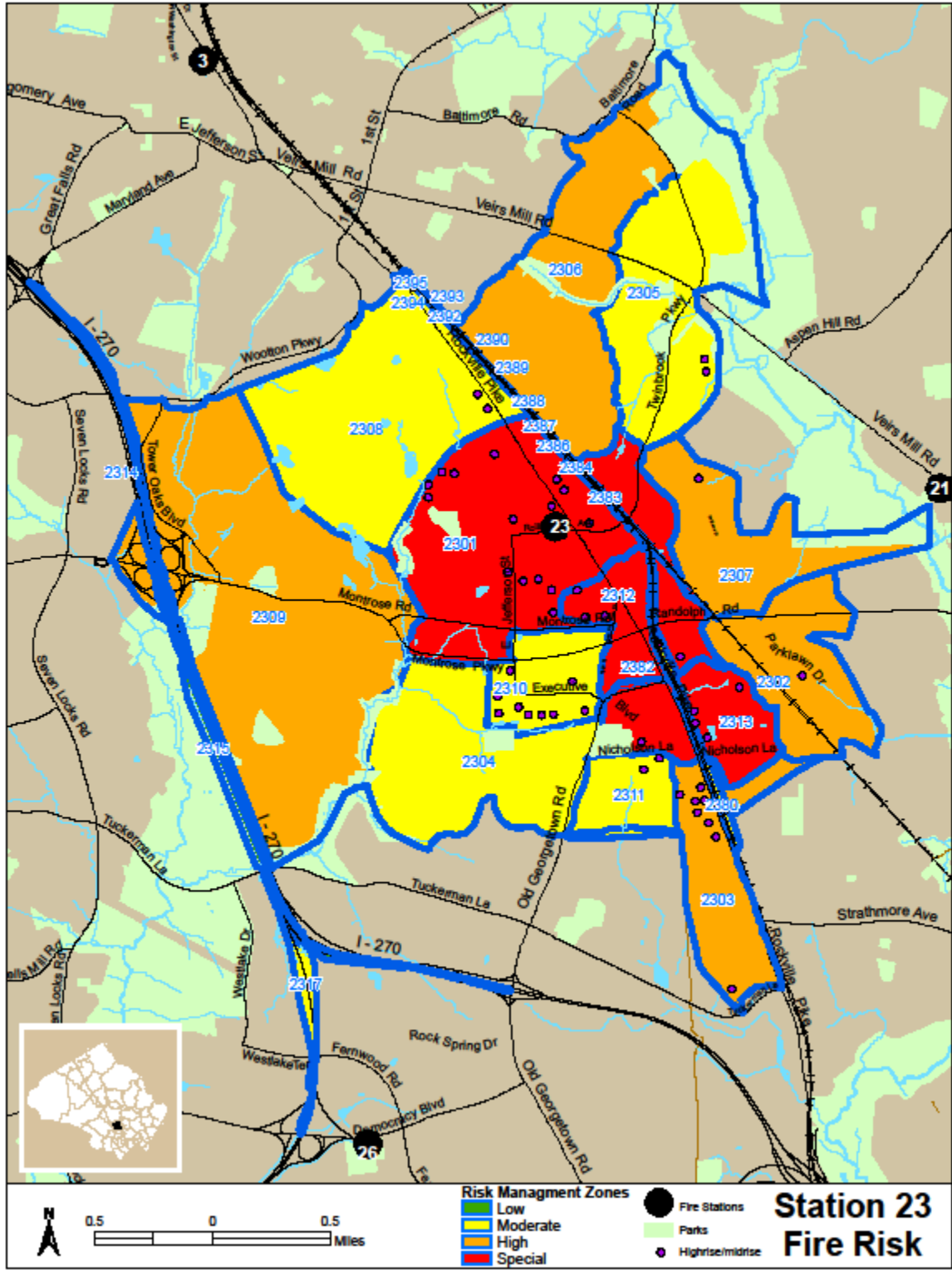
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Station 23 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	773	864	863	481
ALS1	1483	1478	1524	735
ALS2	198	178	180	100
BLS	2597	2602	2692	1278
Explosive	18	30	38	19
Firefull	38	30	42	20
Hazmat	31	62	58	18
Tech Rescue	63	97	84	46
Water/Ice	N/A	1	N/A	1
Total Calls	5627	5767	5941	2921
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

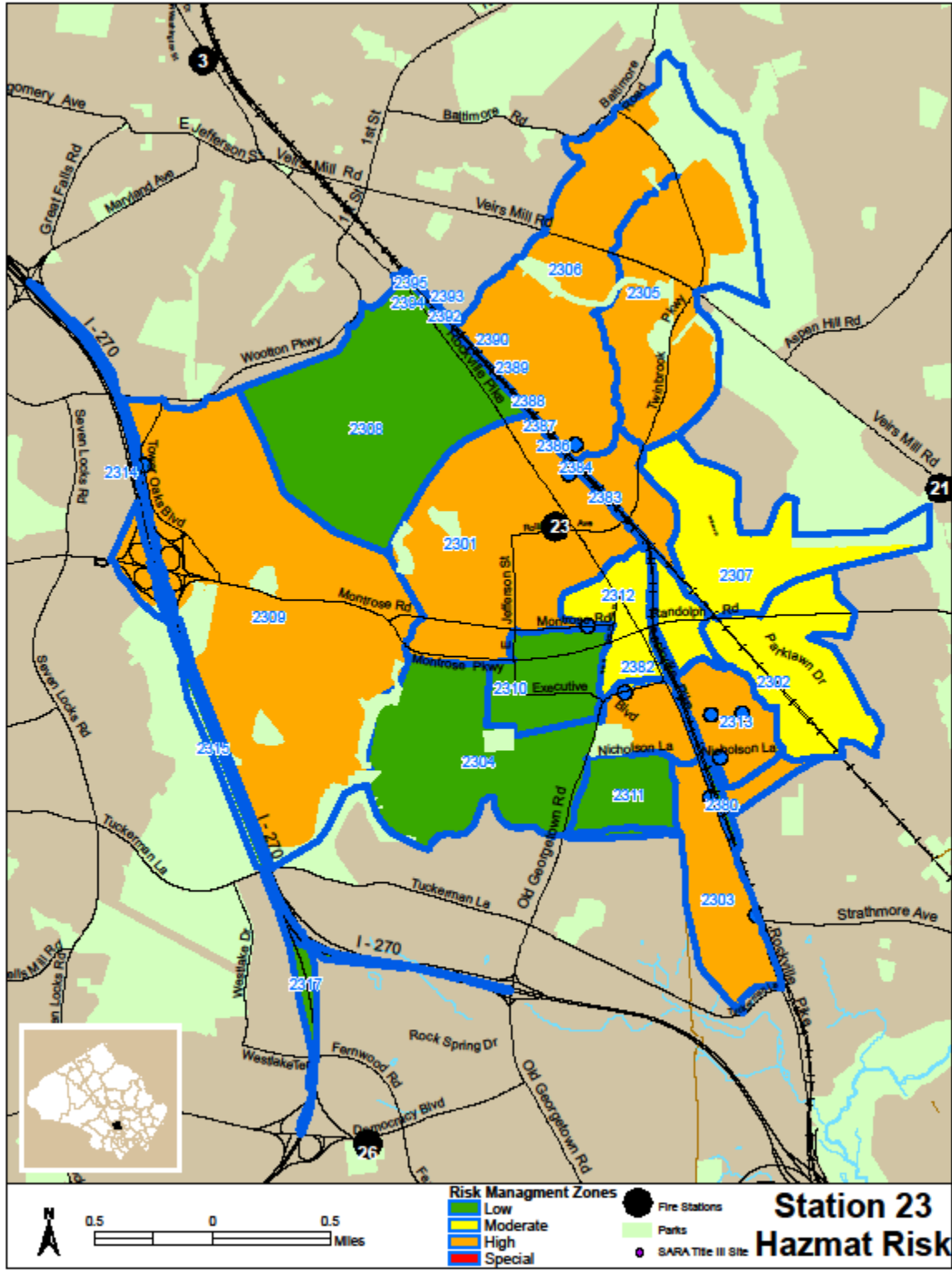
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 24

Battalion 1

Hillandale Station

13216 New Hampshire, Silver Spring



Description

- Ownership: Volunteer
- Employees: 6 Shift Work
- Apparatus Housed: Engine (AFRA), Ambulance, Brush Truck
- First Due Area: 10.37 mi²
- Volunteers: totaled in with the sister company Fire Station 12

Overview

Station 24 sits on the corner of New Hampshire Avenue (RT650) and less than a quarter of a mile from Randolph Road; a major intersection in Montgomery County. Station 24 is known for the many churches it protects as well as its elderly population. It is surrounded by quaint communities and small plazas.

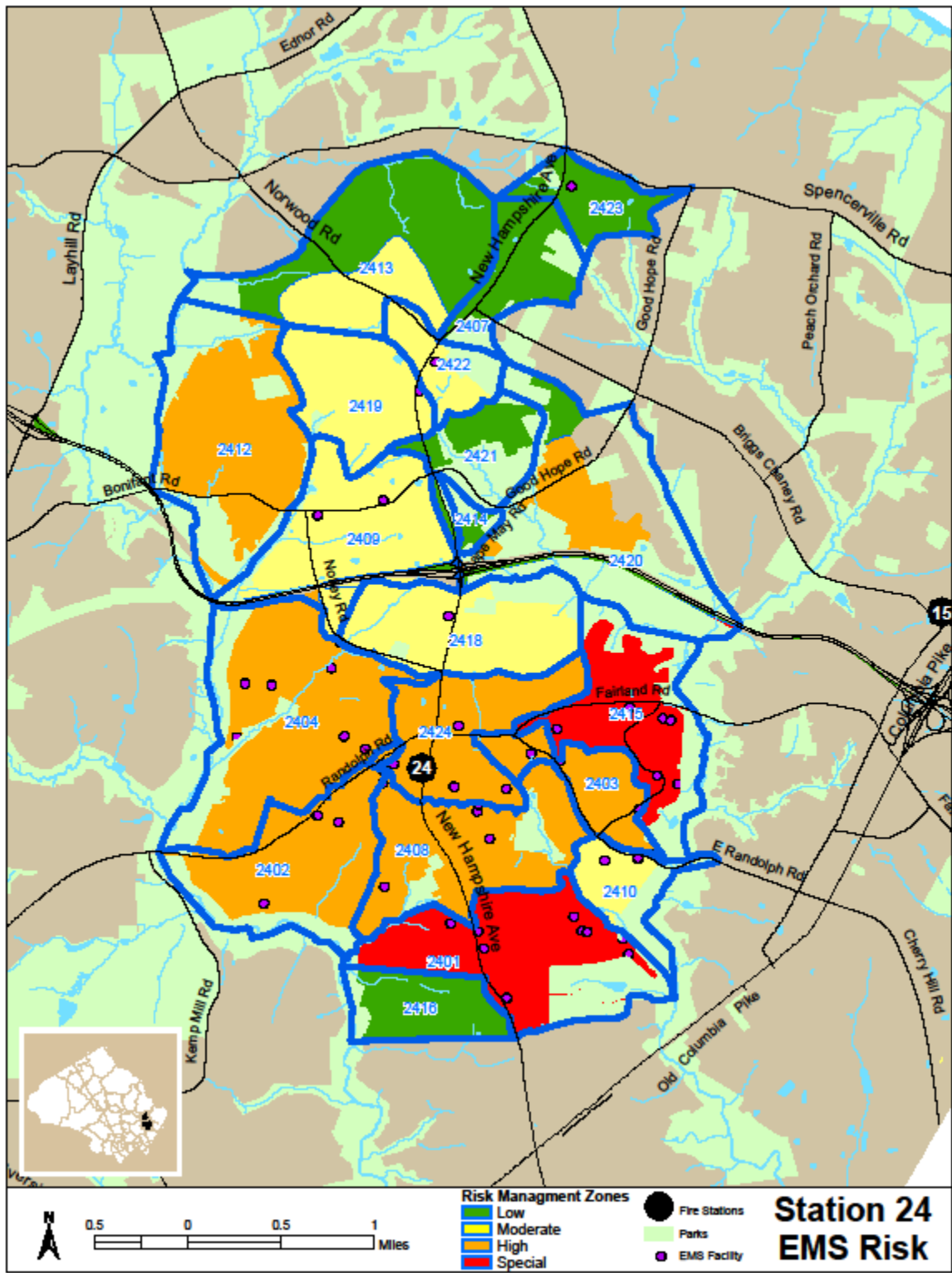
There is no METRO Rail or railroad in Station 24's first due area. Further there are no industrial, chemical, or biological hazardous material plants and/or warehouses in the first due.

There are a significant number of churches in Station 24's first due area. Many of the churches have intricate and unique construction and due to their age are not fully or partially sprinklered. The community would suffer significantly should an incident occur.

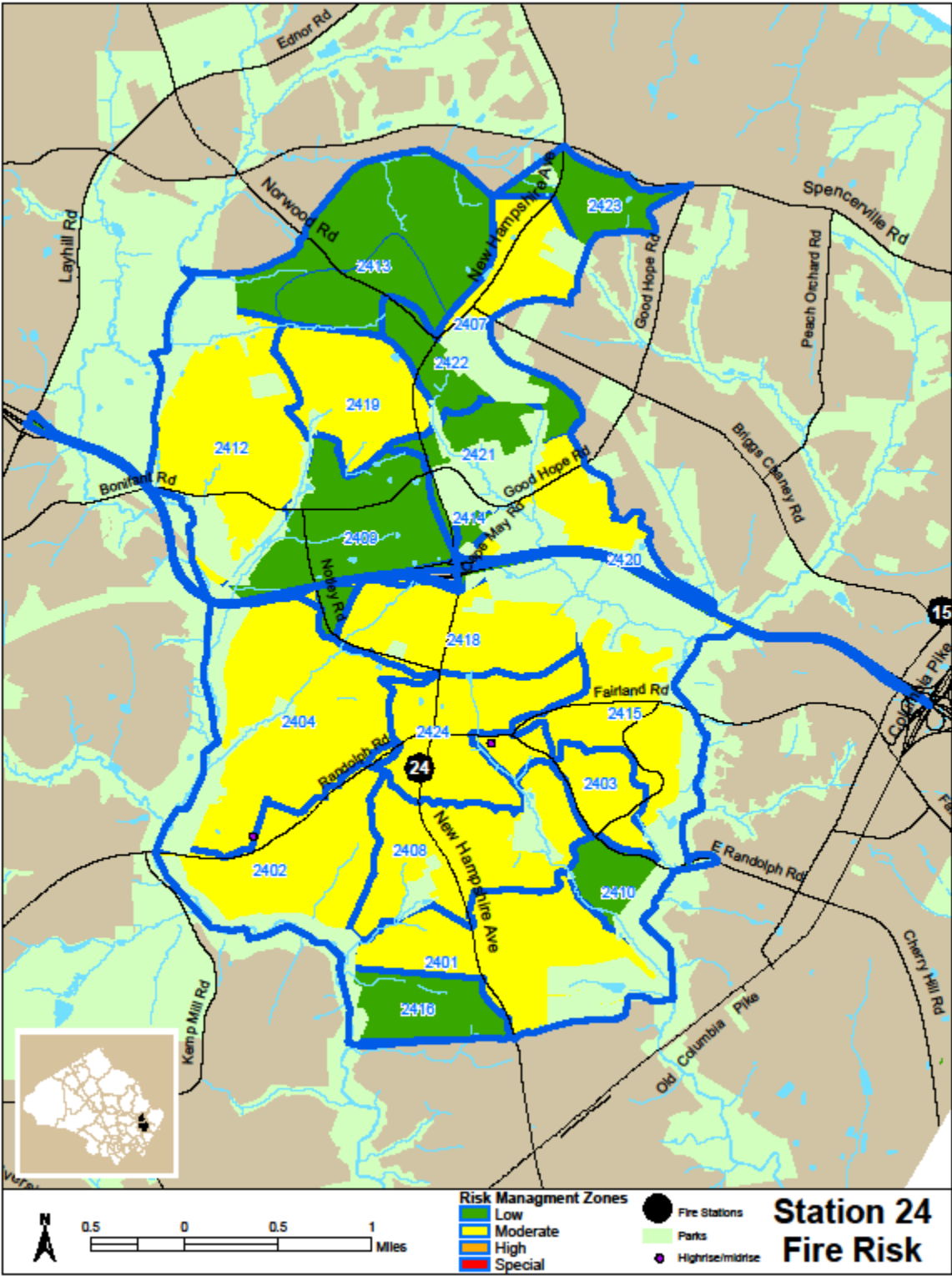
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Station 24 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	270	342	303	174
ALS1	684	665	668	360
ALS2	89	115	98	52
BLS	1032	1100	1046	486
Explosive	5	15	5	3
Firefull	19	26	19	12
Hazmat	9	17	29	8
Tech Rescue	3	10	7	3
Water/Ice	N/A	N/A	N/A	N/A
Total Calls	2238	2436	2331	1177
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

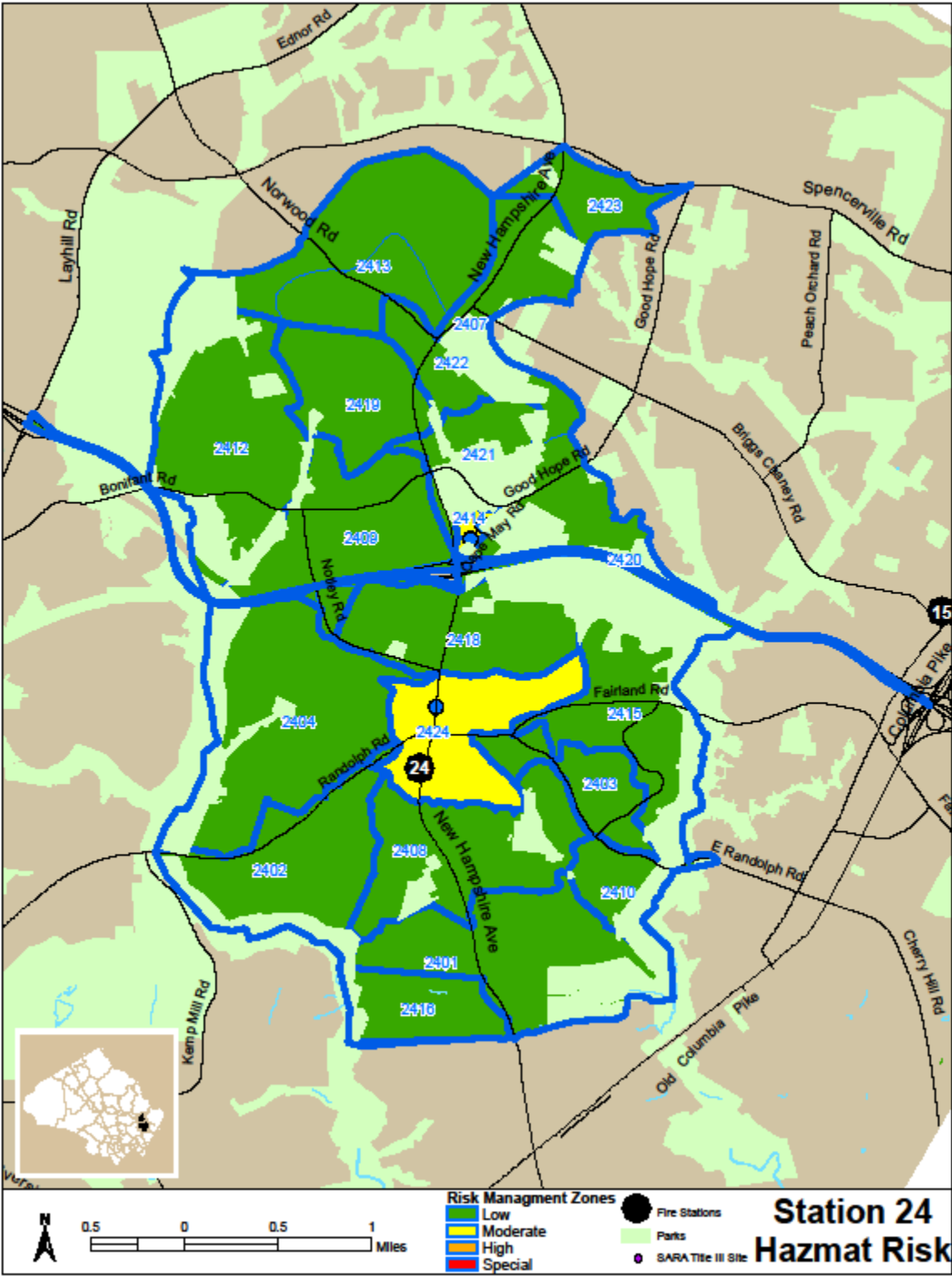
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 25

Battalion 4

Kensington Station

14401 Connecticut Avenue, Silver Spring



Description

- Ownership: County
- Employees: 11 Shift Work
- Apparatus Housed: Engine (AFRA), Truck, Medic Ambulance
- Specialty Teams: US&R, HAZMAT, Swift Water
- First Due Area: 10.81 mi²
- Volunteers: totaled in with the sister company Fire Station 5

Overview

Station 25 protects the area of Aspen Hill and its residents. The area is heavily populated and has the “largest population of elderly residents in the County (and a very) diverse resident population.”

Station 25 is surrounded by a combination of vastly used roads, warehouse-style stores and a large retirement community. Station 25 is considered a special operations station; however, not everyone is cross-trained with US&R and Hazmat. Some employees are trained in US&R; some employees are trained in Hazmat; some employees are trained in Swift Water; and some are cross-trained in all disciplines.

High Risk Areas – Including Hazards

The typical residence in the area is of ordinary, light-weight construction with an average of thirty-five to forty years old. The average square footage is between 1,500 and 2,000 square feet. MCFRS personnel rarely come across sub-divided basements. There are fifteen residential

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

buildings, one office building and approximately 1,000 garden apartments in Station 25's first due area. There are a dozen unsprinklered buildings, most of which are free-standing buildings such as gas stations and fast food facilities. There are a few warehouse-type commercial buildings: Home Depot, Giant Foods, K-Mart and Michaels Arts and Crafts.

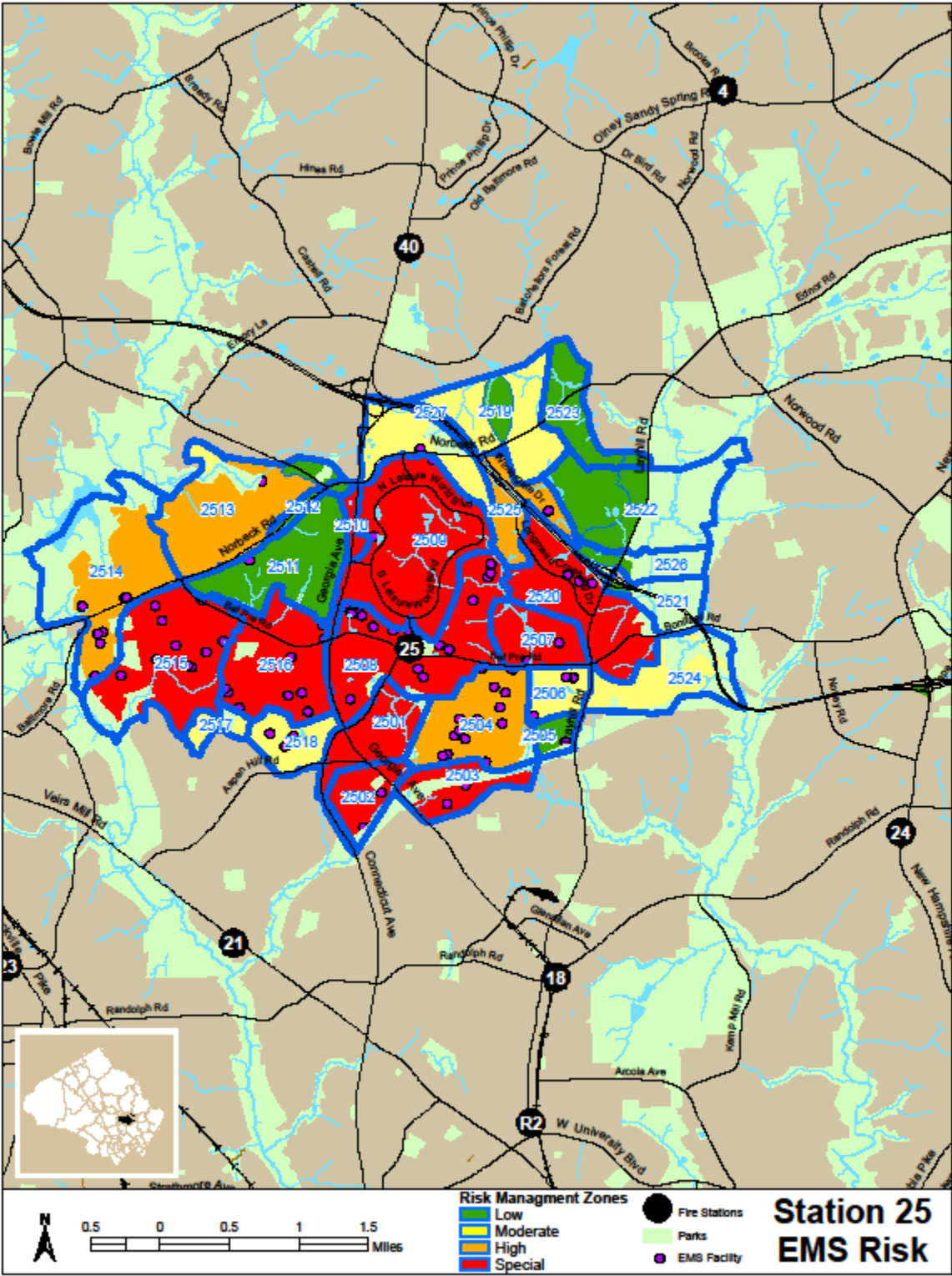
Leisure World is a private, age-restricted, fenced-in, 610 acre community staffed by gatehouses and security. There are approximately 8,500 people residing in Leisure World which is sub-divided into twenty-nine housing associations. Located on the property are such amenities as an eighteen-hole golf course, two clubhouses, dining facilities, a medical center with pharmacy and an indoor and outdoor swimming pool. The property is comprised of townhouses, single-family homes, garden apartments and high-rise apartments. The property does not offer any long-term care or assisted living. Leisure World publishes their own emergency plan for their residents.

Station 25 has four nursing facilities and six group homes that the personnel have come across. The exact number of group homes is uncertain because they open and close almost monthly. Kensington, Station 25 is served entirely by municipal water; therefore fire hydrants are available throughout. There are no significant draftable water sources in the first due. There are no METRO or CSX rails in Station 25's area nor are there any industrial, chemical, biological hazardous plants and/or warehouses.

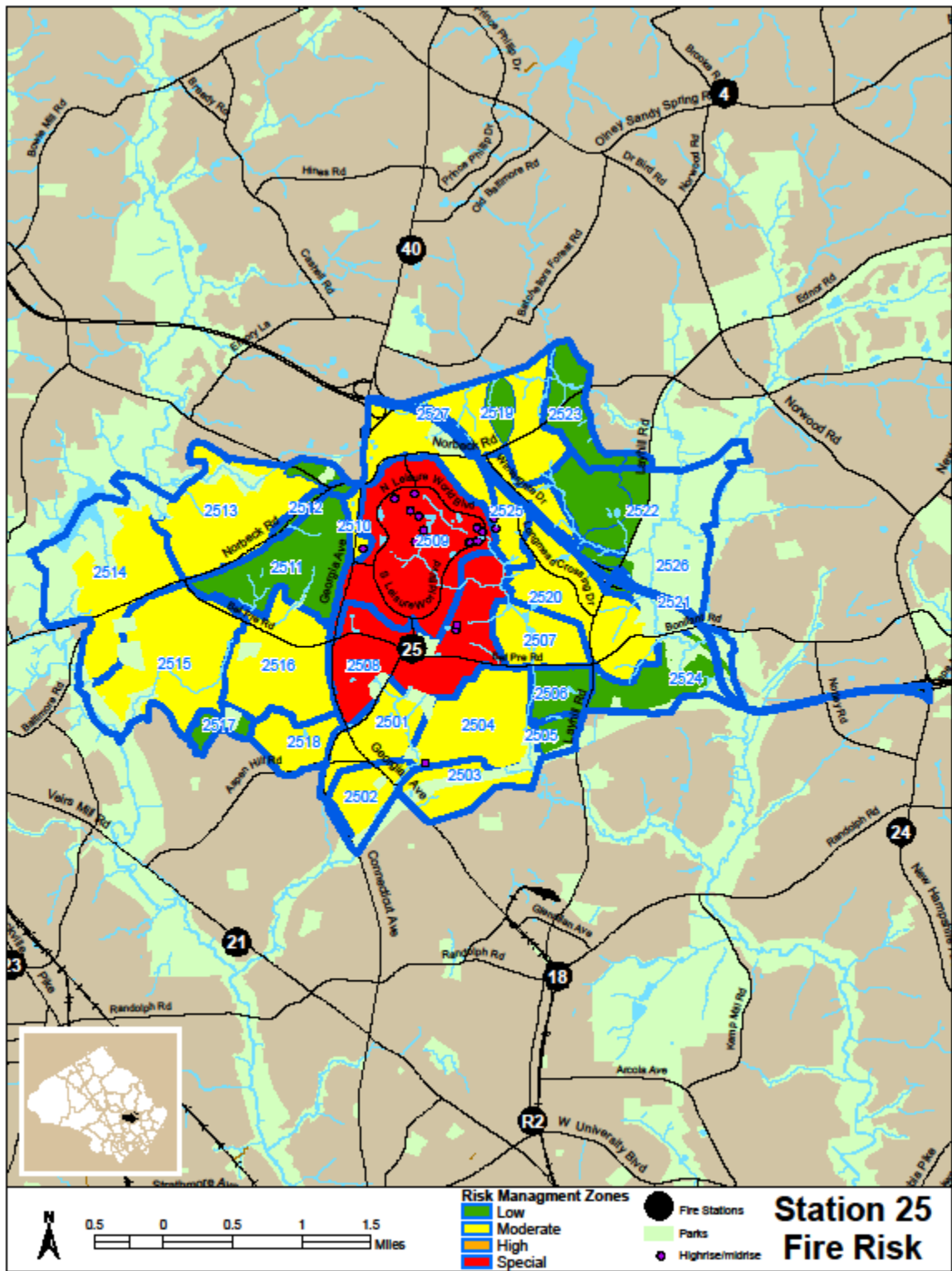
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Station 25 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	613	646	560	299
ALS1	1994	2145	2060	1119
ALS2	304	270	249	136
BLS	3582	3894	3837	1896
Explosive	6	10	9	3
Firefull	53	51	55	27
Hazmat	25	72	67	36
Tech Rescue	17	23	31	26
Water/Ice	N/A	N/A	N/A	N/A
Total Calls	7594	8089	7927	4075
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 26

Battalion 2

Bethesda Station

6700 Democracy Boulevard, Bethesda



Description

- Ownership: Volunteer
- Employees: 3 Shift Work
- Apparatus Housed: Engine
- First Due Area: 6.51 mi²
- Volunteers: totaled in with the sister company Fire Station 6

Overview

Station 26 sits amidst a business conglomerate with a huge campus and many employees, medical facilities and doctor's offices, a heavily traveled interstate and a large shopping mall (Montgomery Mall). Single-family homes comprise much of Station 26's area, including some large, high-value homes. A mixture of townhouses, garden apartments, and residential high-rises are present in the vicinity of the Montgomery Mall. There are also three shopping centers in Station 26's area: Cabin John, Wildwood, and Georgetown Square.

The personnel at Station 26 are very few as they have only a three-person staffed engine. Employees from Bethesda Chevy Chase Rescue Squad (BCC) staff an ambulance at Station 26 Monday through Friday 0700 thru 1900 and BCC volunteers staff the ambulance at night and on the weekends.

MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

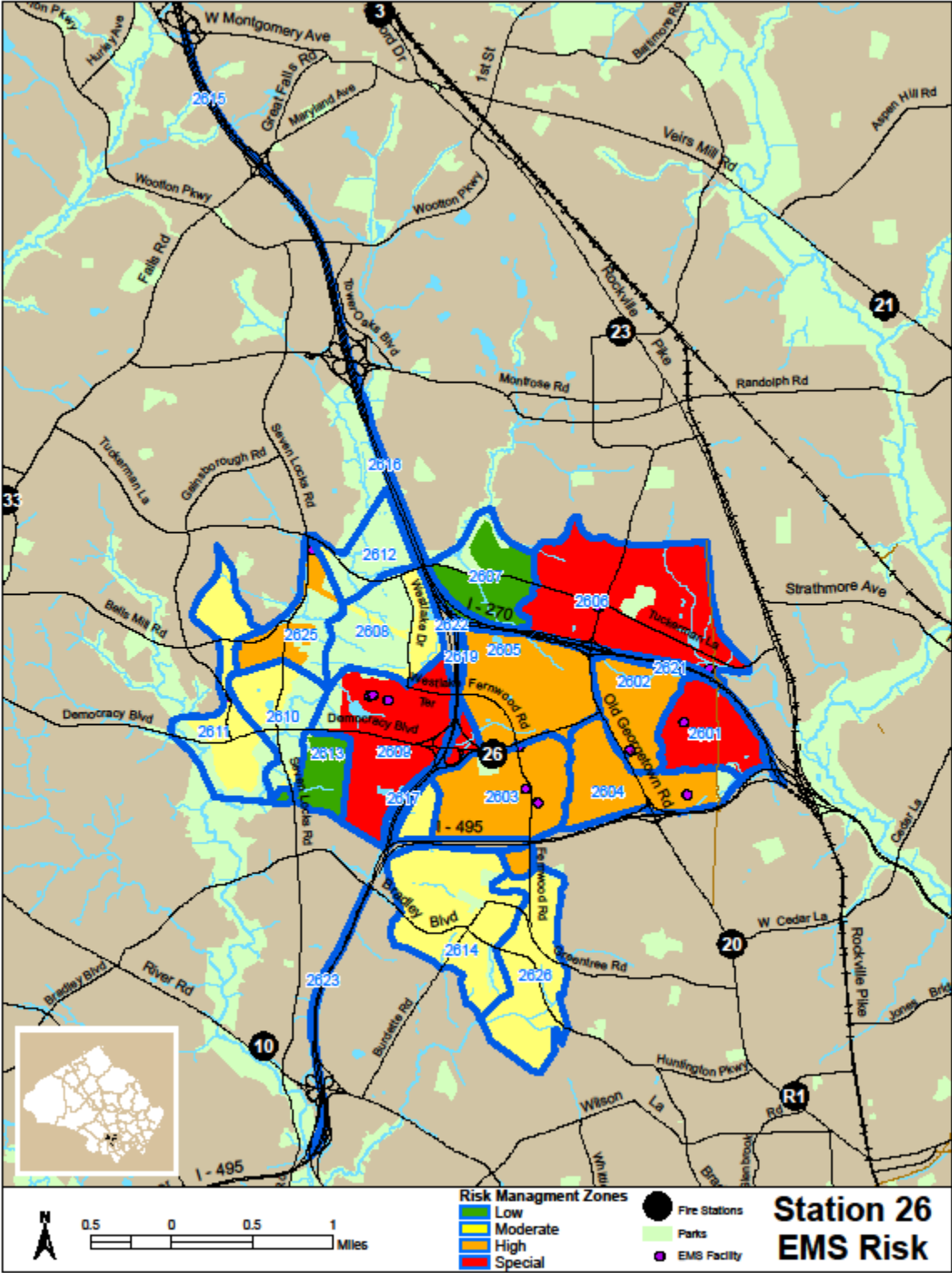
High Risk Areas – Including Hazards

There is a large PEPCO substation in which high voltage power lines merge and power is redistributed at lower voltages. This location also houses the operations center for all of PEPCO's monitoring of power distribution throughout the Maryland and Washington, D.C. area. The operations center monitors power line distribution in the system and dispatches crews when power outages occur.

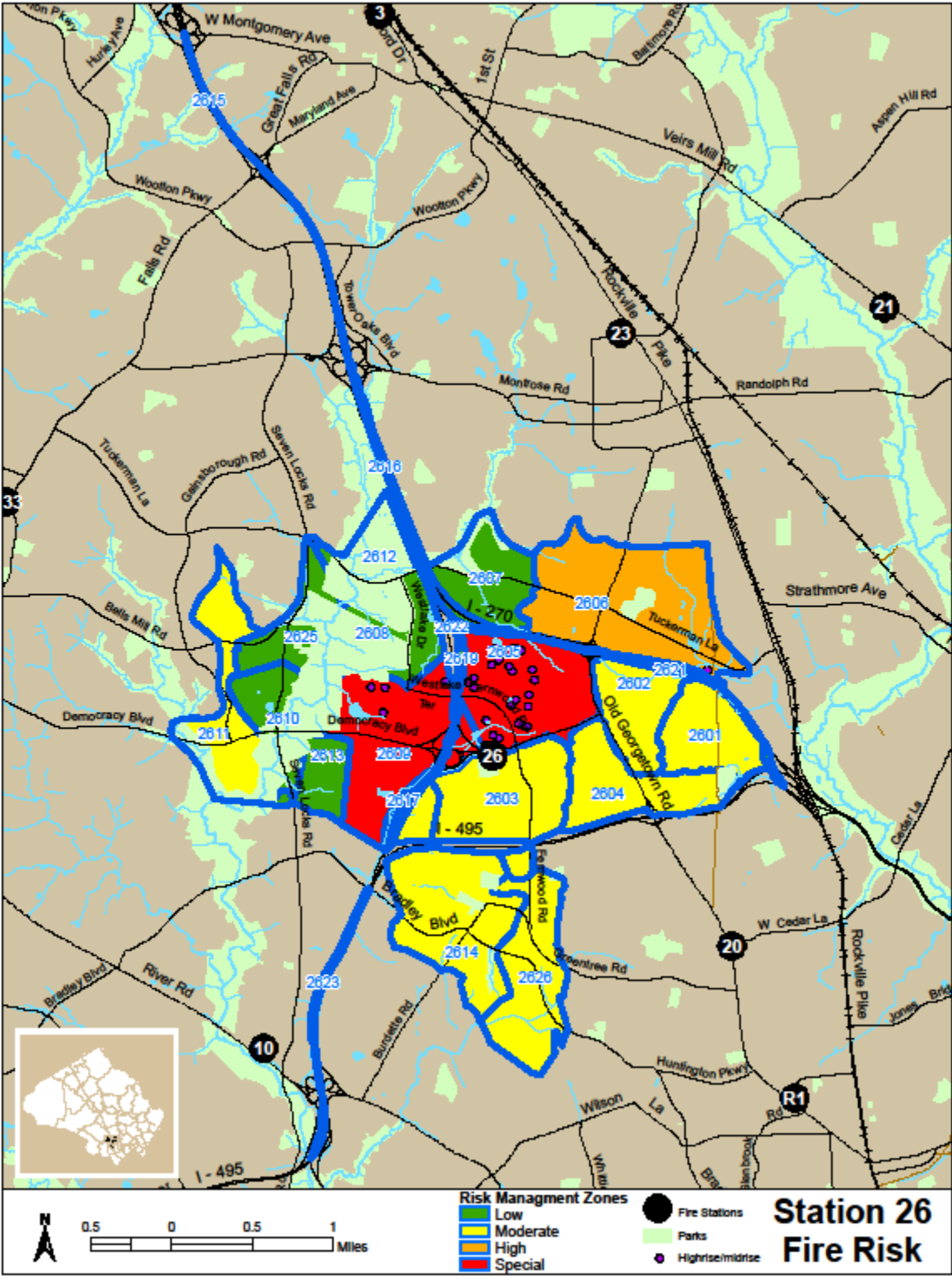
Station 26 has two large presence of interstate highways in its first due area. The merge from I270 Split and I270 Spur for Virginia and Silver Spring; Outer and Inner Loop of I495 from Old Georgetown Road to River Road. It is reported that over 180,000 vehicles use the I270 merge daily.

Station 26 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	514	620	507	298
ALS1	890	866	866	459
ALS2	114	81	110	51
BLS	1450	1470	1444	754
Explosive	5	6	10	1
Firefull	14	17	20	10
Hazmat	16	31	35	22
Tech Rescue	15	20	24	14
Water/Ice	N/A	N/A	N/A	N/A
Total Calls	3179	3260	3181	1691
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

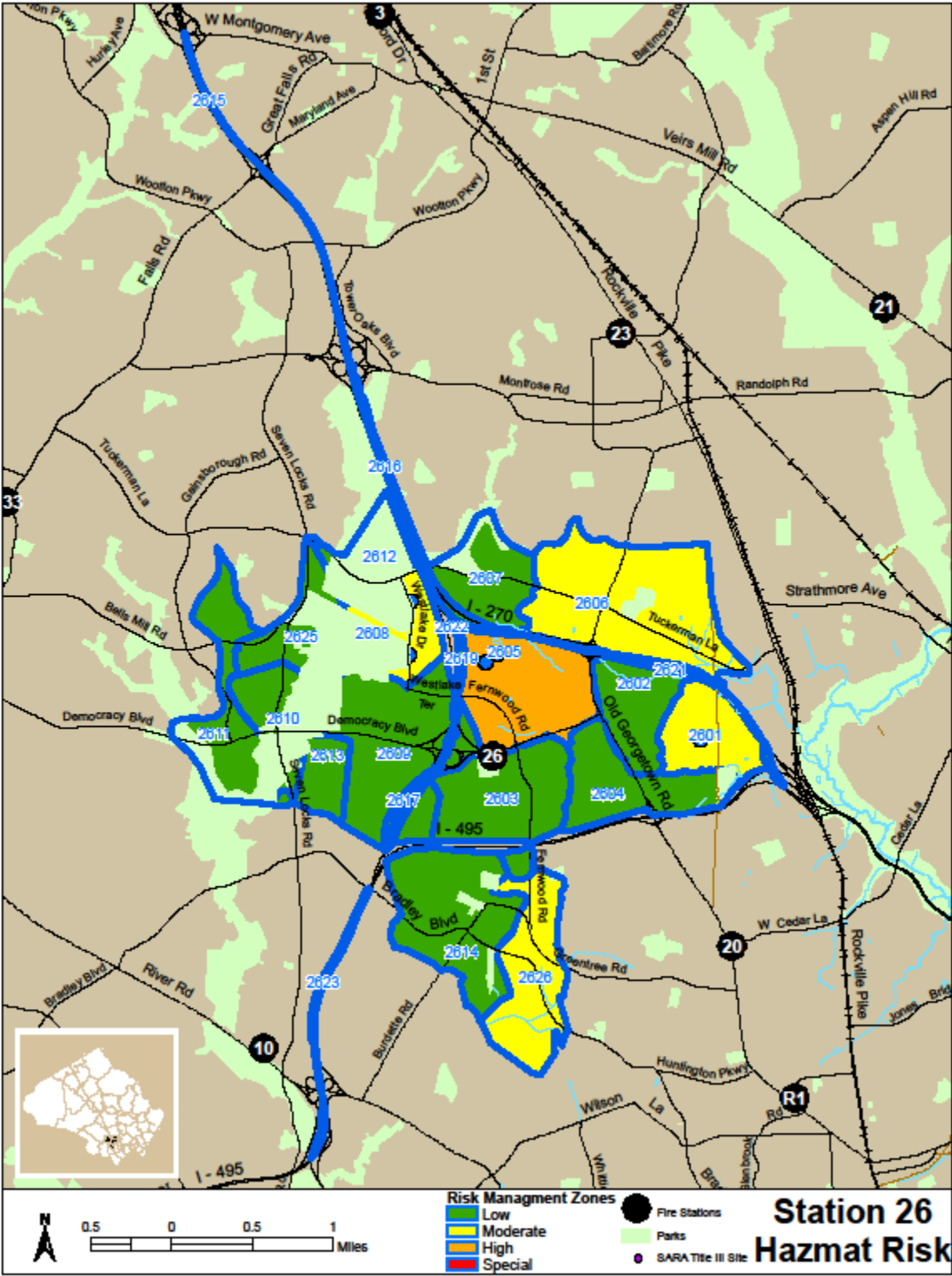
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 28

Battalion 3

Gaithersburg Station

7272 Muncaster Mill Road, Derwood



Description

- Ownership: Volunteer
- Employees: 6 Shift Work
- Apparatus Housed: Engine (AFRA), Ambulance, HM728
- First Due Area: 16.35 mi²
- Volunteers: totaled in with the Sister Company Fire Station 8

Overview

Station 28 sits on the corner of heavily traveled cross roads: Shady Grove Road and Muncaster Mill Road. The firehouse is located about four miles southeast of its sister station (Station 8) and its first-due area has many of the same characteristics as Station 8's area but also has its differences. Station 28 is known for the amount of churches in its first due area as well as Lake Needwood and the Montgomery County Airpark.

High Risk Areas – Including Hazards

The Montgomery County Airpark (GAI) first opened in 1960 with a single-dirt runway that ran north and south. Gradually it expanded into an asphalt runway 4,021 feet long that aligns

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

northwest and southeast and is seventy feet wide. GAI is one of Maryland's busiest General Aviation Airports among the forty-three in the state. The Airpark resides on one hundred thirty-eight acres of land that is entirely closed in by an eight foot chain-link fence. GAI operates twenty-fours, seven days a week and is only closed if the runway is being plowed or there is a disabled aircraft on the runway. The Airport Manager assumes the role as the overall safety coordinator for the facility and is responsible for the publishing and updating of the emergency procedure manual; further, the manager is the only person who can shut down the airport in the event of an emergency. GAI is a non-towered airport and in the absence of tower personnel giving directions to pilots while in the air, each pilot in command makes their own decision whether they should or should not land. For this very reason, the need for the runway to open as soon as possible after an incident is dire.

GAI has a cafeteria, several aircraft hangars, an electrical vault and a fuel farm. There are no fire protection systems within the facility. There is only one access to the airfield and that is secured by a key pad code box and chain-link fence. Airpark personnel exercise great discretion over when to call 911; however, when they do, they will give the operator incident details and try to open the access gate for emergency apparatus.

Also in Station 28's first due area, there is Chesapeake Petroleum fuel storage and distribution; Geomet Lab which is a chemical testing lab; and, several storage facilities on Cessna Avenue – a lot dealing with aircraft support, storage of fertilizers for lawn services, a lot of vehicle maintenance and light-industrial type occupancies surrounding the airpark. There is also a pool supply business with products containing hazardous materials – chlorine, muriatic acid, oxidizers, etc.

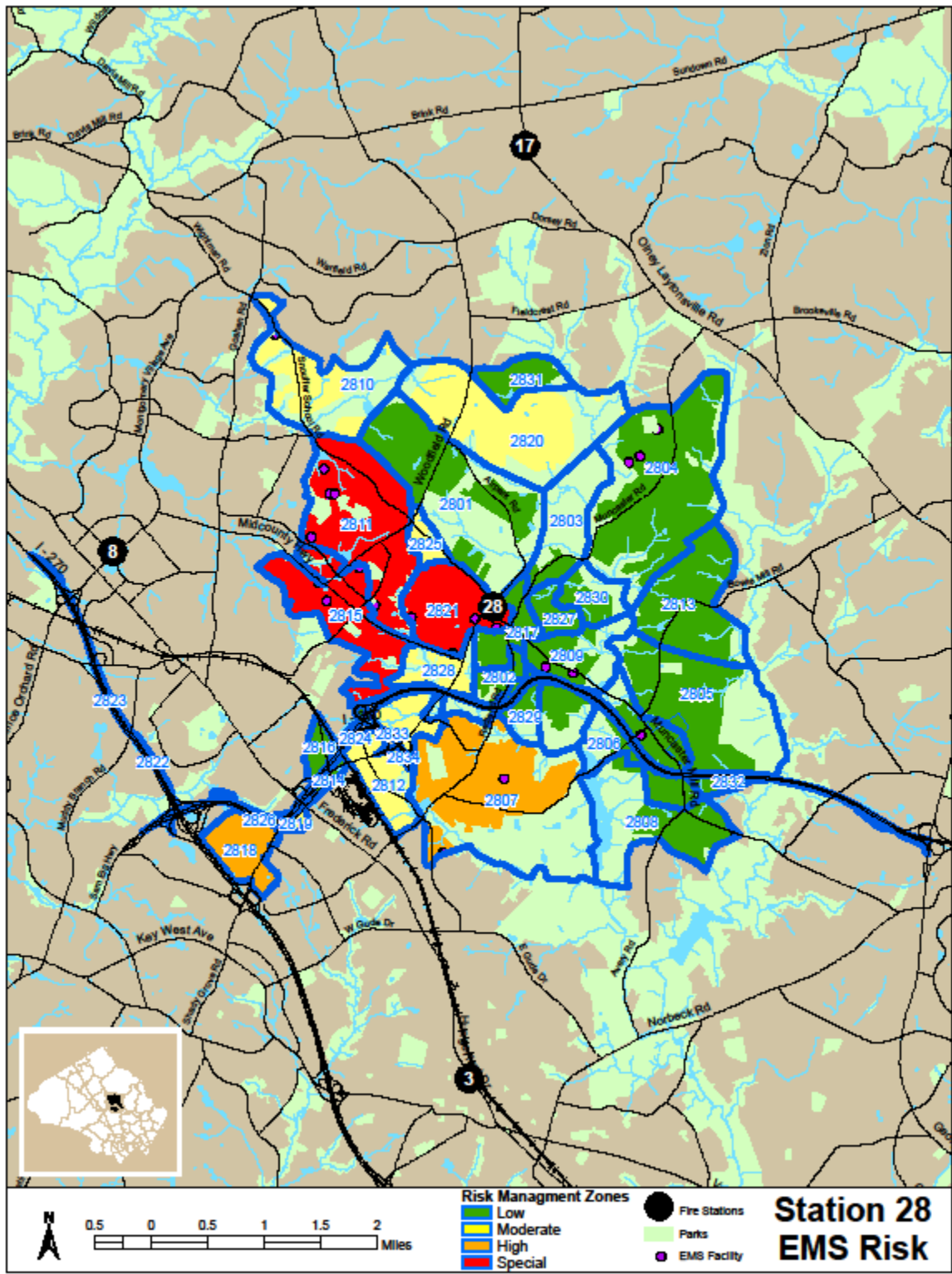
Station 28 protects a small portion of Interstates 270 and 370 and the new ICC (MD200). Some of the METRO facilities are in Station 28's first due; however, due to the entrance locations, they are listed within Station 3's first due area. It is a toss up between Station 28 and Station 3 for the Shady Grove METRO Red Line and METRO Maintenance Yard in responding for calls. There are CSX and MARC train rails running through Station 28's first due area.

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

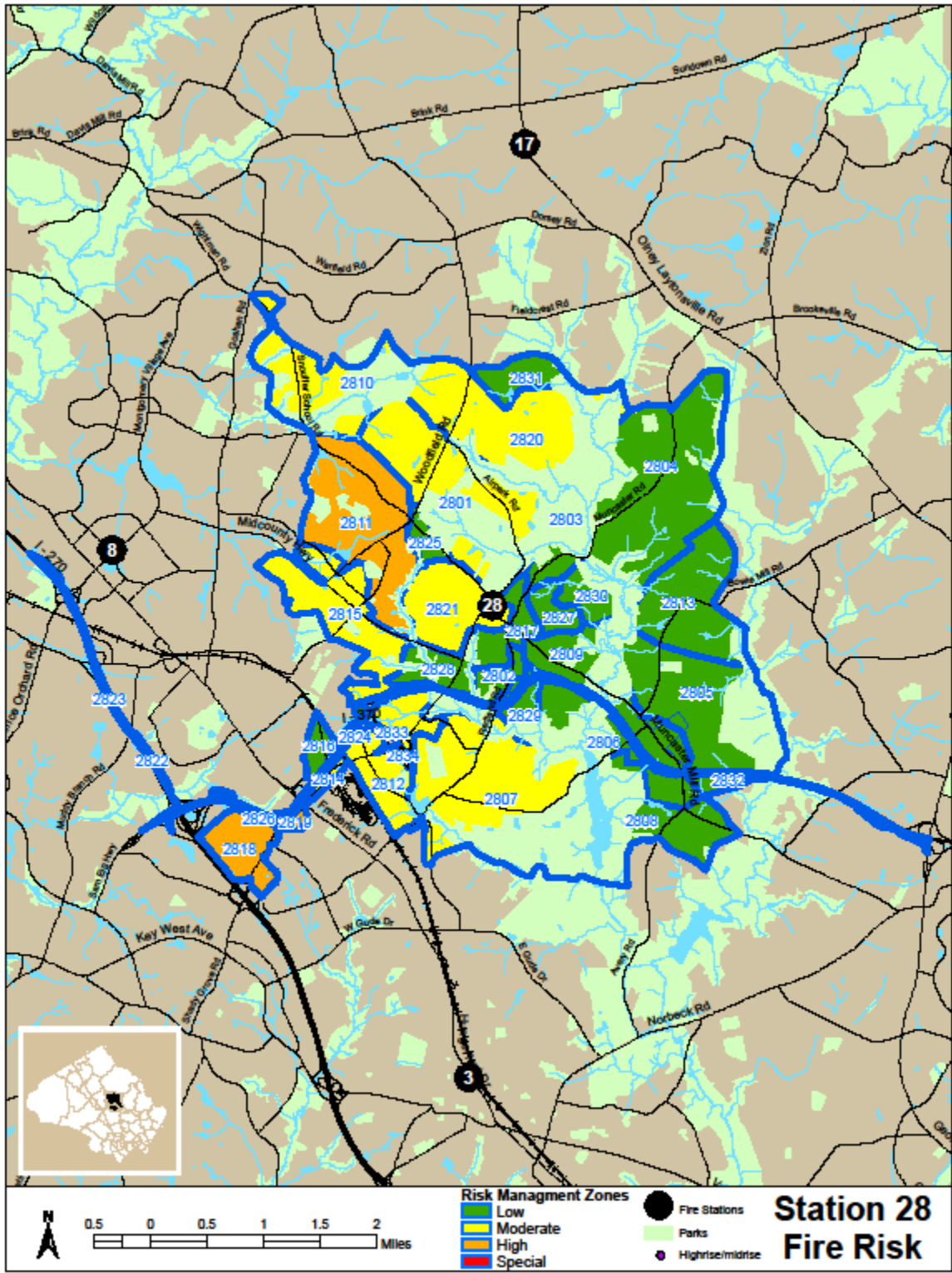
Freight trains transporting hazardous materials travel through the area daily.

Station 28 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	396	386	326	194
ALS1	723	700	733	399
ALS2	94	102	96	42
BLS	1206	1240	1203	638
Explosive	9	18	10	4
Firefull	28	30	23	9
Hazmat	13	31	41	18
Tech Rescue	N/A	2	3	1
Aviation	1	2	1	N/A
Total Calls	2592	2627	2592	1385
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

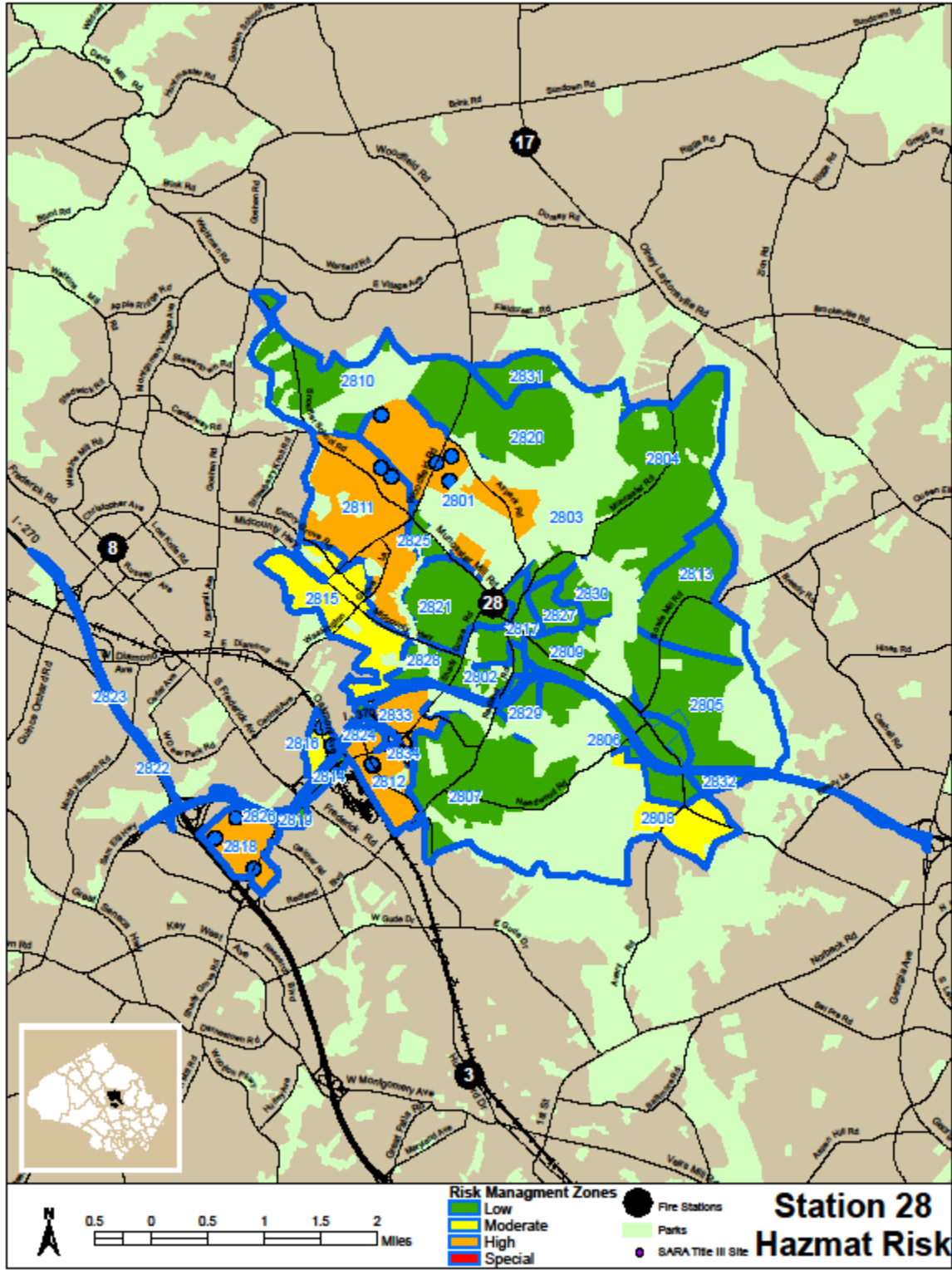
MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

Fire Station 29

Battalion 5

Germantown Station

20001 Crystal Rock Drive, Germantown



Description

- Ownership: County
- Employees: 9 Shift Work
- Apparatus Housed: Engine (AFRA), Squad, Medic, US&R P-Van, Boat, Boat Support unit, Bravo Engine (Volunteer run), 2 Ambulances (Volunteer run)
- First Due Area: 4.68 mi²
- Active LOSAP Volunteers: 46
- IECS Volunteers: 58

Overview

Germantown is a “planned” city governed by Montgomery County Government to preserve the farmland and forests and to restrict development to the area where I270 runs when the highway was built. Germantown spans across I270 and is approximately twenty-five miles from Washington, D.C. and is the second largest incorporated city in Maryland. In 1972 when the planned city was built, Germantown was a rural farming village of about 1,000 people. The Native Americans were the first people on the land but the European settlers soon found their way there from the port of Georgetown. The first settlers were three brothers who inherited the land. They each had adjoining farms and soon other farmers joined in the area. The first farmers grew tobacco, wheat, corn and flax. Mills were essential to the farmers and soon they were built

– some still stand today. Many of the first settlers were of the Presbyterian faith and several were German immigrants who set up many stores in the area. The area soon became known as “German Town.” The Baltimore & Ohio Railroad soon came to Germantown and the city turned into a “railroad” community with trains that came several times a day.⁴⁷⁷

Germantown Fire Department sits among businesses, the 5th District County Police Station, shops

MCFRS

COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

and restaurants, garden-style apartments, I270 and thoroughfares. The employees of Station 29 are Urban Search & Rescue qualified (US&R). The Urban Search and Rescue Maryland Task Force 1 (MD-TF1) Team is the only federally funded team in the State of Maryland which is a part of the Federal Emergency Management Agency's Urban Search and Rescue System⁴⁷⁸. The County staffs two teams with similar technical rescue capabilities: technical rescue group for local response and the FEMA US&R Task Force for federal response. Some members are part of either team per their preference while others are part of both teams. Each member has a certain level of training they must obtain before they can be deployed. Further, each member is assigned a particular discipline they train in. All members of the shifts at Station 29 are on the local technical rescue team, and most are also members of the US&R team. Station 29 also houses some of the canines that are deployed with activation. The local team has a rigorous monthly training regimen, and the federal team has training quarterly that is just as rigorous and demanding. Once the employees return from training, they still have to respond to calls that can be very challenging due to the uniqueness of the first due area.

High Risk Areas – Including Hazards

Less than one mile away from Station 29 is the Department of Energy, a federal government subsidiary that focuses on America's security and prosperity by addressing its energy, environmental and nuclear challenges through transformative science and technology solutions. The personnel at Station 29 are unable to access the campus without police escort. All medical emergency calls go through their security to be called in to 911.

Black Hills Regional Park is also in Station 29's area; although portions of the park are located in Station Areas 22 and 35. Black Hills Lake resides inside the park and is more than 2,000 acres; a primary reason why Station 29 has a rescue boat. Many people use the lake for a wide variety of outdoor activities. There are also picnic tables, playgrounds, and walking trails. The lake also has an earth dam; the lake in conjunction with the dam was designed as back up water supply for the metropolitan area.

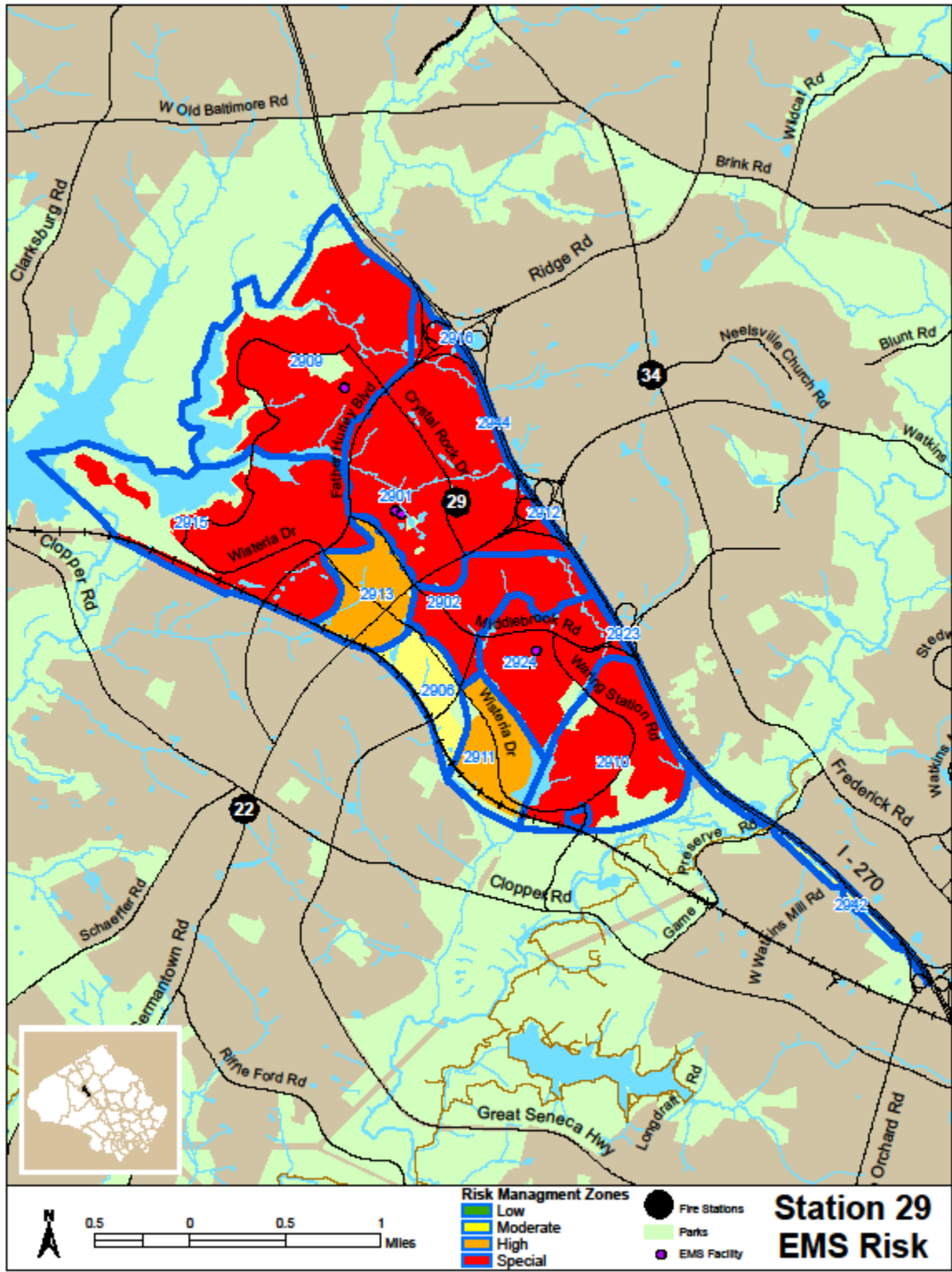
There are CSX and MARC train rails running northwest to southeast through Station 29's area, with CSX trains transporting large quantities of hazardous materials. Interstate 270

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

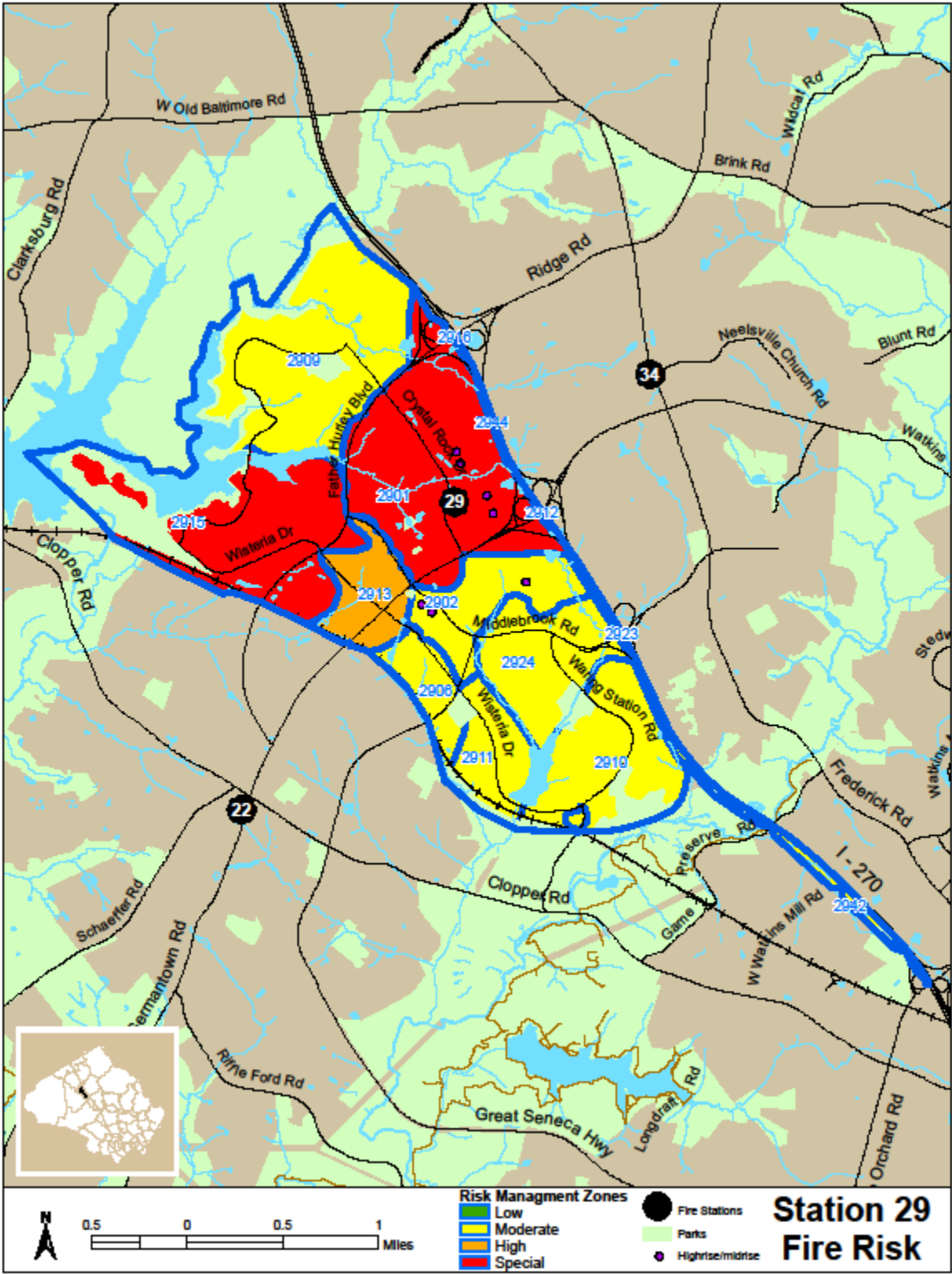
runs northwest to southeast through the first due as well upon which hazardous materials are regularly transported. Other than the possible hazardous materials at the Department of Energy, there are no other industrial, chemical and/or biological hazardous materials plants or warehouses.

Station 29 - # of Incidents by Call Type				
Fiscal Year	2010	2011	2012	2013 (1st and 2nd Quarter Only)
Adaptive	510	327	344	201
ALS1	1036	708	789	395
ALS2	121	77	93	71
BLS	1575	1071	1143	547
Explosive	9	12	10	7
Firefull	31	31	39	16
Hazmat	12	27	28	14
Tech Rescue	6	6	5	N/A
Water/Ice	N/A	N/A	2	N/A
Total Calls	5782	4786	5160	1549
*Note: Total category includes unfiltered calls - # may exceed sum of call types				

MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER



MCFRS
COMMUNITY RISK ANALYSIS AND STANDARDS OF COVER

